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MIL-C-5015 INSERT ARRAGNEMENTS PER MIL STD 1651 A AND OTHER APPLICATION SPECIFIC ARRANGMENTS											
MIL STD 1651	TOTAL CONTACTS	CONTACT SIZES					ALTERNATE POLARIZTIONS IN DEGREES				SERVICE RATING
		16	12	8	4	0	W	X	Y	Z	
8S-1	1	1									A
10S-2	1	1									A
10SL-3	3	3									A
10SL-4	2	2									A
12S-3	2	2					70	145	215	290	A
14S-2	4	4						120	240		I
14-3	1			1							A
14S-4	1	1									O
14S-5	5	5						110			I
14S-6	6	6									I
14S-7	3	3						90	180	270	A
14S-9	2	2					70	145	215	290	A
16S-1	7	7					80			280	A
16S-3	1	1									B
16S-4	2	2					35	110	250	325	D
16S-5	3	3					70	145	215	290	A
16S-6	3	3					90	180	270		A
16S-8	5	5						170	265		A
16-9	4	2	2				35	110	250	325	A
16-10	3		3				90	180	270		A
16-11	2		2				35	110	250	325	A
16-12	1				1						A
16-13	2	2					THERMOCOUPLE				A
18-1	10	10					70	145	215	290	B,C,F,G,=ABA L-I
18-3	2		2				35	110	250	325	D
18-4	4	4					35	110	250	325	D
18-5	3	1	2				80	110	250	280	D
18-6	1				1						D
18-7	1			1							B
18-8	8	7	1				70			290	A
18-9	7	5	2				80	110	250	280	I
18-10	4		4					120	240		A
18-11	5		5					170	265		A
18-12	6	6					80			280	A
18-19											
18-20	5	5					90	180	270		A
18-22	3	3					70	145	215	290	D
20-3	3		3				70	145	215	290	D
20-4	4		4				45	110	250		D
20-6	3	3					70	145	215	290	D
20-7	8	8					80	110	250	280	A,B,G,H=D BAL=A
20-8	6	4		2			80	110	250	280	I
20-11	13	13									I



MIL-C-5015 INSERT ARRAGNEMENTS PER MIL STD 1651 A AND OTHER APPLICATION SPECIFIC ARRANGMENTS											
MIL STD 1651	TOTAL CONTACTS	CONTACT SIZES					ALTERNATE POLARIZTIONS IN DEGREES				SERVICE RATING
		16	12	8	4	0	W	X	Y	Z	
20-15	7		7				80			280	A
20-18	9	6	3				35	110	250	325	A
20-19	3			3			90	180	270		A
20-22	6	3		3			80	110	250	280	A
20-23	2			2			35	110	250	325	A
20-27	14	14					35	110	250	325	A
20-29	17	17					80			280	A
20-33	11	11									A
22-2	3			3			70	145	215	290	D
22-9	3		3				70	145	215	290	E
22-10	4	4					35	110	250	325	E
22-12	5	3		2			80	110	250	280	D
22-14	19	19					80	110	250	280	A
22-18	8	8					80	110	250	280	C,D,E=A BAL=D
22-19	14	14					80	110	250	280	A
22-22	4			4				110	250		A
22-23	8		8				35	110	250		H=D BAL=A
22-27	9	8		1			80		250	280	A
22-28	7		7				80		280		A
22-33	7	7					80	110	250	280	E,F,G=A BAL=D
24-2	7		7				80			280	D
24-5	16	16					80	110	250	280	A
24-6	8		8				80	110	250	280	A,G,H=D BAL=A
24-7	16	14	2				80	110	250	280	A
24-9	2				2		35	110	250	325	A
24-10	7			7			80			280	A
24-11	9		6	3			35	110	250	325	A
24-12	5		3		2		80	110	250	280	A
24-18	4	4									
24-22	4			4			45	110	250		D
24-27	7	7					80			280	E
24-28	24	24					80	110	250	280	I
24-80	23	23					35	145	240	300	I
28-2	14	12	2				35	110	250	280	D
28-6	3				3		70	145	215	290	D
28-9	12	6	6				80	110	250	280	D
28-10	7		3	2	2		80	110	250	280	G=D BAL=A
28-11	22	18	4				80	180	250	280	A
28-12	26	26					90	180	270		A
28-15	35	35					80	110	250	280	A
28A-16 !	9	5			4						A
28-16	20	20					80	110	250	280	A
28-17	15	15					80	110	250	280	R=B M,N,P=D BAL=A



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MIL STD 1651	TOTAL CONTACTS	CONTACT SIZES					ALTERNATE POLARIZTIONS IN DEGREES				SERVICE RATING
		16	12	8	4	0	W	X	Y	Z	
28-18	12	12					70	145	215	290	M=C A,B=A C,D,E,F=I BAL D
28-20	14	4	10				80	110	250	280	A
28-21	37	37					80	110	215	280	A
28-22	6	3			3		70	145	250	290	D
32-7	35	28	7				80	110	250	280	A,B,h,j=I BAL=A
32-8	30	24	6				80	110	250	280	A
32-17	4				4		45	110	250		D
32-22	54	54					80	110	250	280	A
32-73	46	46					36				
36-5	4					4		120	240		A
36-6	6				4	2	35	110	250	235	A
36-8	47	46	1				80	110	250	280	A
36-9	31	14	14	2	1		80	125	235	280	A
36-10	48	48					80	125	235	280	A
36-15	35	35					60	125	245	305	M=D BAL=A
36-66	56	52	4				80	130	260	310	A
40-1	30	24	6				65	130	235	300	D
40-2	23	23					80	110	250	280	A,B.C,D,E=B BAL=D
40-3	23	18	4		1		80	110	250	280	D
40-4	23	16	2	3	2		80	110	250	280	D
40-5	15		6	4	2	3	80	110	250	280	A
40-6	26	24	1			1	80	110	250	280	D
40-7	22	18	2			2	80	110	250	280	W,X,U,V,P,Q= A BAL=D
40-9	47	24	22	1			65	125	225	310	A
40-10	29	16		9	4		65	125	225	310	A
40-11	25	18	4	1	1	1	80	110	250	280	D
40-12	29	22	6			1					D
40-13	23						POSITION 12 OF 40-2				A,B.C,D,E=B AL=D
40-14	32	21	10			1					D
40-15	60	57	3 8 AWG SHIELDED								INST
40-56	85	85					72	144	216	288	A
40-62	60	60					30	130	220	290	A
44-1	42	36	6				65	125	225	310	D
44-2	31	14	14	2	1		65	125	225	310	D
44-3	31	24	3	2	2		65	125	225	310	D
44-4	41	31	8				65	125	225	310	D
44-5	42						POSITION #12 OF 44-1				D
44-6	42						POSITION #13 OF 44-1				D
44-52	104	104					72	135	225	288	A
48-1	15		6	4	2	3	65	125	225	310	B,N=E AL=D



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MIL STD 1651	TOTAL CONTACTS	CONTACT SIZES					ALTERNATE POLARIZTIONS IN DEGREES				SERVICE RATING
		16	12	8	4	0	W	X	Y	Z	
48-2	47	46	1				65	125	225	310	
48-3	25	18	1	3		3	65	125	225	310	D
48-4	68	47	16		3	2	65	125	225	310	AJ,AK,AL,AV, AW=D BAL=A
48-5	100	90	9	1			65	125	225	310	A
48-62	85	85					72	144	216	288	D



ORDERING INFORMATION

MS 3406 D J S 28 A - 21 P*W

MIL / COMM.
MS = MILITARY
JT = COMMERCIAL

CONNECTOR STYLE
- 3400= WALL MOUNT RECEPTACLE
- 3401= CABLE CONNECT RECEPTACLE
- 3402= BOX MOUNTING RECEPTACLE
- 3404= JAM NUT MOUNTING RECEPTACLE
- 3406= PLUG CONNECTOR
- 3408= INCLUDES 90° STRAIN RELEIF
- 3409= INCLUDES 45° STRAIN RELEIF
- 3412= BOX MOUNTS / REAR THREADS
- 00FT= FEED THROUGH RECEPTACLE
- 3496= SELF LOCKING CONNECTOR
- 56HT= HIGH TEMPERATURE CONNECTOR

CLASS CODE
- D = ALUMINUM HARDWARE, CADMIUM OVER NICKEL OLIVE DRAB FINISH, SILICONE ELASTOMER.
- DS = STAINLESS STEEL (316) HARDWARE, BLACK CADMIUM FINISH, SILICONE ELASTOMER.
- K = STAINLESS STEEL (300 SERIES) HARDWARE , ELECTROLESS NICKEL FINISH, FLUOROSILICONE ELASTOMER
- KS = STAINLESS STEEL HARDWARE (300 SERIES), PASSIVATED, FLUOROSILICONE ELASTOMER.
- KT = STAINLESS STEEL HARDWARE (300 SERIES), CADMIUM OVER NICKEL OLIVE DRAB FINISH, FLUOROSILICONE ELASTOMER.
- L = ALUMINUM HARDWARE; NICKEL PLATE FINISH, FLUOROSILICONE ELASTOMER.
- U = ALUMINUM HARDWARE; NICKEL PLATE FINISH, SILICONE ELASTOMER.
- W = ALUMINUM HARDWARE CADMIUM OVER NICKEL, OLIVE DRAB FINISH, FLUOROSILICONE ELASTOMER.

BACKSHELL DESIGNATOR
J = ENVIRONMENTAL BACKSHELL AND CONNECTOR ASSEMBLY
(LEAVE BLANK IF ORDERING CONNECTOR ONLY).

BACKSHELL CLASS CODE
S = STAINLESS STEEL (316) CONNECTOR AND BACKSHELL
(LEAVE BLANK IF ORDERING ALUMINUM).

SHELL SIZE
8, 10, 10S, 10SL, 12, 12S, 14, 14S, 16, 16S,
18, 20, 22, 24, 28, 32, 36, 40, 44, 48

SHELL SIZE NUMBERS CHANGE FOR "DJ" CONNECTORS . . . . .

THIS SIZE NUMBER:	10SL	12S	14S	16S
CHANGES TO THIS SIZE NUMBER:	11	13	15	17

SEALING RANGE
BACKSHELL SEALING RANGE WHEN ORDERING "DJ" ASSEMBLIES.
(LEAVE BLANK WHEN ORDERING CONNECTOR ONLY).

INSERT
INSERT ARRANGEMENTS PER MIL-STD-1651.
(8S-1 THROUGH 44-52)

CONTACT DESIGNATOR
P = 16-16, 12-12, 8-8, 4-4, 0-0 PINS
S = 16-16, 12-12, 8-8, 4-4, 0-0 SOCKETS
D = 16-22, 12-16 PINS
E = 16-22, 12-16 SOCKETS
A = LESS CONTACT PINS
B = LESS CONTACT SOCKETS

POLARIZATION
INSERT ROTATION W-X-Y-Z
PER MIL-STD 1651

MODIFICATION
VARIATIONS FROM STANDARD



GENERAL PERFORMANCE

(WHEN TESTED TO MIL-C-5015 REQUIREMENTS)

OPERATING TEMPERATURE: -55° TO +200° (-67° TO + 392°F)

ENVIRONMENTAL: MEETS THE WATER PRESSURE REQUIREMENTS OF MIL-C-5015: MAINTAINS INSULATION RESISTANCE OF GREATER THAN 100 MEGohmS AFTER IMMERSION IN A 6' WATERHEAD FOR 48 HOURS

DURABILITY: MEETS THE MATING AND UNMATING PARAMETERS OF MIL-C-5015 MECHANICALLY AND ELECTRICALLY FUNCTIONAL AFTER 500 COUPLING AND UNCOUPLING CYCLES.

SHOCK: HIGH IMPACT SHOCK IN ACCORDANCE WITH MIL-S-901 GRADE A. MIL-STD-202, METHOD 214, COND 11 LTR J, 125°C TO 55°C.

FLUID RESISTANCE: FLUID RESISTANCE TO 12 BASIC FLUIDS INCLUDING:

PARTIAL FLUID RESISTANCE: CLASSES D, DS, AND U

COMPLETE FLUID RESISTANCE: CLASSES KS, KT, L, AND W

1. LUBRICATING OIL PER MIL-L-7808
2. LUBRICATING OIL PER MIL-L-9236
3. HYDRAULIC FLUID PER MIL-H-5606
4. SKYDROL (LD)
5. AEROSAFE 2300
6. DETERGENT PER MIL-C-25769
7. JET ENGINE FUEL PER MIL-T-5624
8. DETERGENT PER MIL-A-8243
9. COMMERCIAL REGULAR GAS PER MIL-G-3056
10. MINERAL SPIRITS PER TT-I-735 & TT-T-291
11. TRICHLOROETHANE
12. SOLVENT

VIBRATION: MEETS THE VIBRATION REQUIREMENTS OF MIL-C-5015

SHELL TO SHELL CONDUCTIVITY: .005 ohm MAXIMUM FOR CLASS D
.05 ohm MAXIMUM FOR ALL OTHER CLASSES.

CORROSION RESISTANCE: PERFORMANCE MEETS OR EXCEEDS SALT SPRAY TEST REQUIREMENTS FOR 48 HOURS EXPOSURE (CLASS L & W). ALL J-TECH CLASS "D" CONNECTORS WILL EXCEED THE SALT SPRAY REQUIREMENT TO 500 HOURS EXPOSURE. CLASS "D" CONNECTORS ARE AVAILABLE WITH 1000 HOUR CORROSION RESISTANCE.



GENERAL PERFORMANCE

(WHEN TESTED TO MIL-C-5015 REQUIREMENTS)

VOLTAGE RATING

ALTITUDE		SERVICE RATING					
FEET	M	INST	A	D	E	B	C
SEA LEVEL	–	1000	2000	2800	3500	4500	7000
70,000	21,326	260	360	400	440	480	560

CONTACT CURRENT RATING AND RETENTION

CONTACT SIZE	CURRENT RATING AMPERE MAX	CONTACT RESISTANCE* VOLTAGE DROP MILLIVOLTS	CONTACT RETENTION AXIAL LOAD			
			CLASS D		ALL OTHER CLASSES	
			LBS.	NEWTONS	LBS.	NEWTONS
16	13	45	50	222.4	25	111.2
12	23	38	50	222.4	30	133.4
8	46	24	80	355.84	50	222.4
4	80	21	100	444.8	60	266.9
0	150	19	100	444.8	75	333.6

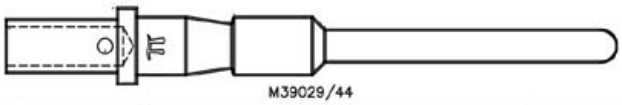
* CONTACT RESISTANCE WITH SILVER PLATED WIRE @ 25°C.

HIGH POTENTIAL TEST VOLTAGE

MS SERVICE RATING	SUGGESTED OPERATING VOLTAGES		AIR SPACING NOM. INCHES	CREEPAGE DISTANCE NOM. INCHES
	DC	AC(rms)		
INST.	250	200	–	1/16
A	700	500	1/16	1/8
D	1250	900	1/8	3/16
E	1750	1250	3/16	1/4
B	2450	1750	1/4	5/16
C	4200	3000	5/16	1



PIN CONTACTS



M39029/44

CONTACT SIZE	WIRE SIZE	WIRE AWG	MIL-C-39029 PART NUMBER	J-TECH PART NUMBER	COLOR CODE		
					FIRST	SECOND	THIRD
16	22	22,24,26	M39029/44-287	511-110-1622	RED	GRAY	VIOLET
16	16	16,18,20	M39029/44-288	511-110-1616	RED	GRAY	GRAY
12	16	16,18,20	M39029/44-289	511-220-1216	RED	GRAY	WHITE
12	12	12,14,16	M39029/44-290	511-220-1212	RED	WHITE	BLACK
8	8	8,10	M39029/44-291	511-220-0808	RED	WHITE	BROWN
4	4	4,6	M39029/44-292	511-220-0404	RED	WHITE	RED
0	0	0,2	M39029/44-293	511-320-0101	RED	WHITE	ORANGE

SOCKET CONTACTS



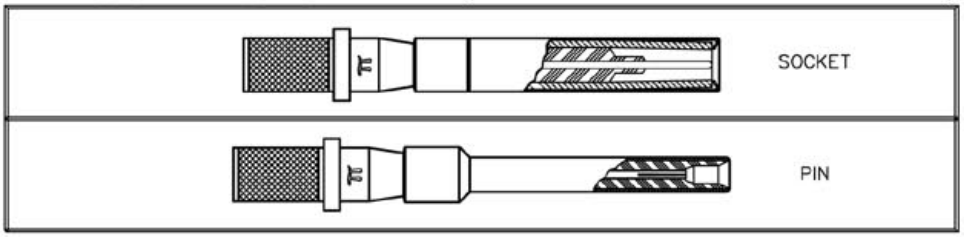
M39029/45

CONTACT SIZE	WIRE SIZE	WIRE AWG	MIL-C-39029 PART NUMBER	J-TECH PART NUMBER	COLOR CODE		
					FIRST	SECOND	THIRD
16	22	22,24,26	M39029/45-294	512-110-1622	RED	WHITE	YELLOW
16	16	16,18,20	M39029/45-295	512-110-1616	RED	WHITE	GREEN
12	16	16,18,20	M39029/45-296	512-220-1216	RED	WHITE	BLUE
12	12	12,14,16	M39029/45-297	512-220-1212	RED	WHITE	VIOLET
8	8	8,10	M39029/45-298	512-220-0808	RED	WHITE	GRAY
4	4	4,6	M39029/45-299	512-220-0404	RED	WHITE	WHITE
0	0	0,2	M39029/45-300	512-320-0101	ORANGE	BLACK	BLACK



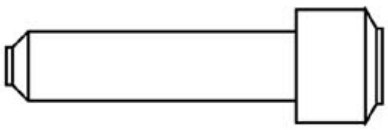
COAX CONTACTS

(CONSULT FACTORY FOR SIZES AND AVAILABILITY)



SEALING PLUGS

CONTACT SIZE	SEALING PLUGS	
	MILITARY P/N	J-TECH P/N
16S	MS27488-16	022-001-0016
16	MS27488-16	022-001-0016
12	MS27488-12	022-001-0012
8	MS27488-8	022-001-0008
4	MS27488-4	022-001-0004
0	MS27488-0	022-001-0001



TOOLS

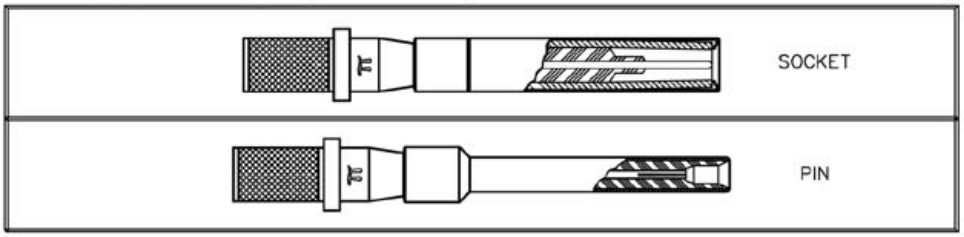
CONTACT SIZE	MS INSERTION TOOL	MS EXTRACTION TOOL	MS CRIMP TOOL	
			FRAME	POSITIONER
16	M81969/17-01	M81969/19-01	M22520/ 1-01	M22520/ 1-02
12	M81969/17-02	M81969/19-02	M22520/ 1-01	M22520/ 1-02
8*	M81969/17-06	M81969/19-03	M22520/23-02	M22520/23-09
4*	M81969/17-07	M81969/19-04	M22520/23-04	M22520/ 23-11
0*	M81969/17-08	M81969/19-05	M22520/23-05	M22520/23-13

* USE M22520/23-01 POWER CRIMP TOOLS FOR SIZE 8, 4, AND 0 CONTACTS.



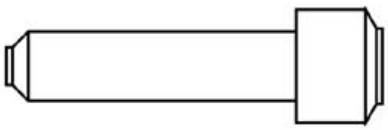
COAX CONTACTS

(CONSULT FACTORY FOR SIZES AND AVAILABILITY)



SEALING PLUGS

CONTACT SIZE	SEALING PLUGS	
	MILITARY P/N	J-TECH P/N
16S	MS27488-16	022-001-0016
16	MS27488-16	022-001-0016
12	MS27488-12	022-001-0012
8	MS27488-8	022-001-0008
4	MS27488-4	022-001-0004
0	MS27488-0	022-001-0001



TOOLS

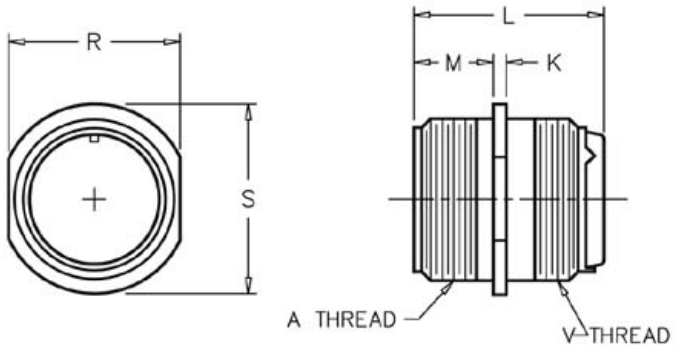
CONTACT SIZE	MS INSERTION TOOL	MS EXTRACTION TOOL	MS CRIMP TOOL	
			FRAME	POSITIONER
16	M81969/17-01	M81969/19-01	M22520/ 1-01	M22520/ 1-02
12	M81969/17-02	M81969/19-02	M22520/ 1-01	M22520/ 1-02
8*	M81969/17-06	M81969/19-03	M22520/23-02	M22520/23-09
4*	M81969/17-07	M81969/19-04	M22520/23-04	M22520/ 23-11
0*	M81969/17-08	M81969/19-05	M22520/23-05	M22520/23-13

* USE M22520/23-01 POWER CRIMP TOOLS FOR SIZE 8, 4, AND 0 CONTACTS.



FRONT RELEASE MS3401

CLASSES D, DS, L, U, AND W



RECEPTACLE, CABLE CONNECTING, FRONT RELEASE, CRIMP CONTACTS.
DIMENSIONS SUBJECT TO CHANGE WITHOUT NOTICE. DIMENSIONS ARE IN INCHES

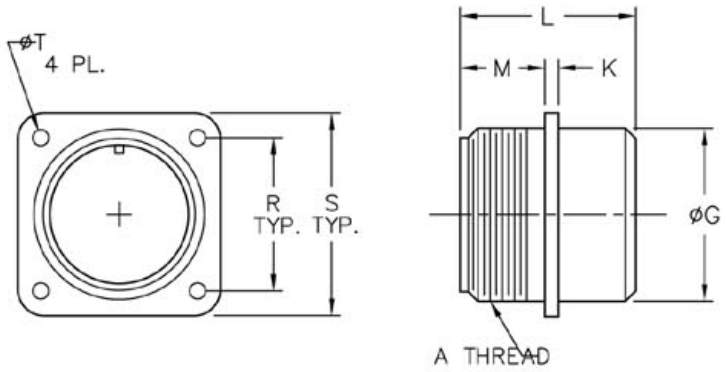
SHELL SIZE	A THREAD CLASS 2A	K ±.015	L * MAX.	M +.031 −.000	R ±.004	S ±.015	V THREAD CLASS 2A
10S	.625−24 UNEF	.083	1.925	.562	.625	.854	.625−24 UNEF
10SL	.625−24 UNEF	.083	1.925	.562	.625	.854	.625−24 UNEF
12S	.750−20 UNEF	.083	1.925	.562	.750	.974	.750−20 UNEF
12	.750−20 UNEF	.083	1.925	.750	.750	.974	.750−20 UNEF
14S	.875−20 UNEF	.083	1.925	.562	.875	1.099	.875−20 UNEF
14	.875−20 UNEF	.083	1.925	.750	.875	1.099	.875−20 UNEF
16S	1.000−20 UNEF	.083	1.925	.562	1.000	1.224	1.000−20 UNEF
16	1.000−20 UNEF	.083	1.925	.750	1.000	1.224	1.000−20 UNEF
18	1.125−18 UNEF	.125	1.925	.750	1.125	1.349	1.0625−18 UNEF
20	1.250−18 UNEF	.125	1.950	.750	1.250	1.474	1.1875−18 UNEF
22	1.375−18 UNEF	.125	1.950	.750	1.375	1.599	1.3125−18 UNEF
24	1.500−18 UNEF	.125	1.950	.812	1.500	1.715	1.4375−18 UNEF
28	1.750−18 UNS	.125	1.950	.812	1.750	1.974	1.750−18 UNS
32	2.000−18 UNS	.125	1.950	.875	2.000	2.224	2.000−18 UNS
36	2.250−16 UN	.125	1.950	.875	2.250	2.474	2.250−16 UN
40	2.500−16 UN	.125	1.950	.875	2.505	2.724	2.500−16 UN
44	2.750−16 UN	.125	1.950	.875	2.755	2.974	2.750−16 UN
48	3.000−16 UN	.125	1.950	.875	3.050	3.224	3.000−16 UN

* ADD .435 FOR ARRANGEMENTS WITH SIZE 0 CONTACTS.



FRONT RELEASE MS3402

CLASSES D, DS, L, U, AND W



RECEPTACLE, BOX MOUNTING, FRONT RELEASE, CRIMP CONTACTS.
(NO ENVIREONMENTAL REAR SEAL OR REAR ACCESSORY THREADS).
DIMENSIONS SUBJECT TO CHANGE WITHOUT NOTICE. DIMENSIONS ARE IN INCHES

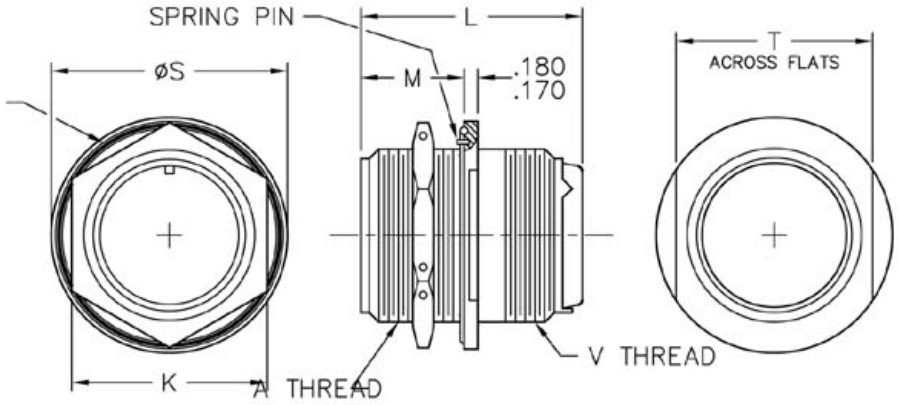
SHELL SIZE	A THREAD CLASS 2A	øG MAX.	K ±.015	L * MAX.	M +.031 −.000	R ±.005	S ±.031	øT +.010 −.005 CLASS L,L,W
10S	.625–24 UNEF	.625	.083	1.662	.562	.719	1.000	.120
10SL	.625–24 UNEF	.625	.083	1.662	.562	.719	1.000	.120
12S	.750–20 UNEF	.750	.083	1.662	.562	.812	1.094	.120
12	.750–20 UNEF	.750	.083	1.662	.750	.812	1.094	.120
14S	.875–20 UNEF	.875	.083	1.662	.562	.906	1.188	.120
14	.875–20 UNEF	.875	.083	1.662	.750	.906	1.188	.120
16S	1.000–20 UNEF	1.000	.083	1.662	.562	.969	1.281	.120
16	1.000–20 UNEF	1.000	.083	1.662	.750	.969	1.281	.120
18	1.125–18 UNEF	1.062	.125	1.662	.750	1.062	1.375	.120
20	1.250–18 UNEF	1.187	.125	1.662	.750	1.156	1.500	.120
22	1.375–18 UNEF	1.312	.125	1.662	.750	1.250	1.625	.120
24	1.500–18 UNEF	1.437	.125	1.662	.812	1.375	1.750	.147
28	1.750–18 UNS	1.750	.125	1.662	.812	1.562	2.000	.147
32	2.000–18 UNS	2.000	.125	1.662	.875	1.750	2.250	.173
36	2.250–16 UN	2.250	.125	1.662	.875	1.938	2.500	.173
40	2.500–16 UN	2.500	.125	1.662	.875	2.188	2.750	.173
44	2.750–16 UN	2.750	.125	1.662	.875	2.375	3.000	.173
48	3.000–16 UN	3.000	.125	1.662	.875	2.625	3.250	.173

* ADD .275 FOR ARRANGEMENTS WITH SIZE 8, 4, OR 0 CONTACTS.



FRONT RELEASE MS3404

CLASSES D, DS, L, U, AND W



RECEPTACLE, JAM-NUT MOUNTING, FRONT RELEASE, CRIMP CONTACTS.
DIMENSIONS SUBJECT TO CHANGE WITHOUT NOTICE. DIMENSIONS ARE IN INCHES

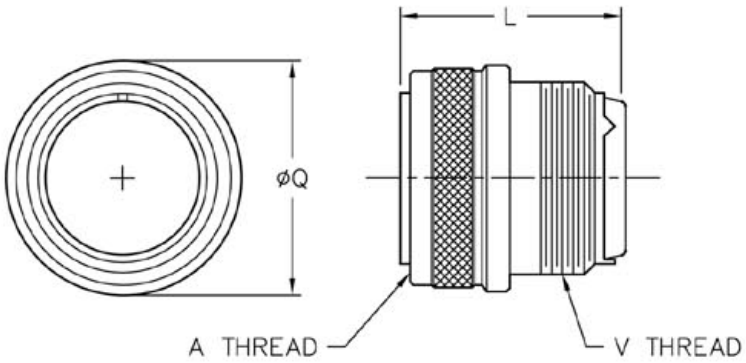
SHELL SIZE	A THREAD CLASS 2A	K ±.010	L * MAX.	M ±.005	ØS ±.005	T ±.005	V THREAD CLASS 2A
10S	.625-24 UNEF	.812	1.925	.720	1.193	.990	.625-24 UNEF
10SL	.625-24 UNEF	.812	1.925	.720	1.193	.990	.625-24 UNEF
12S	.750-20 UNEF	.937	1.925	.720	1.317	1.050	.750-20 UNEF
12	.750-20 UNEF	.937	1.925	.966	1.317	1.050	.750-20 UNEF
14S	.875-20 UNEF	1.062	1.925	.720	1.433	1.175	.875-20 UNEF
14	.875-20 UNEF	1.062	1.925	.966	1.433	1.175	.875-20 UNEF
16S	1.000-20 UNEF	1.187	1.925	.720	1.567	1.300	1.000-20 UNEF
16	1.000-20 UNEF	1.187	1.925	.966	1.567	1.300	1.000-20 UNEF
18	1.125-18 UNEF	1.312	1.925	.966	1.693	1.425	1.0625-18 UNEF
20	1.250-18 UNEF	1.437	1.950	.966	1.817	1.550	1.1875-18 UNEF
22	1.375-18 UNEF	1.562	1.950	.966	1.943	1.550	1.3125-18 UNEF
24	1.500-18 UNEF	1.687	1.950	.966	2.067	1.800	1.4375-18 UNEF
28	1.750-18 UNS	2.000	1.950	.966	2.317	1.925	1.750-18 UNS
32	2.000-18 UNS	2.250	1.950	.966	2.567	2.175	2.000-18 UNS
36	2.250-16 UN	2.500	1.950	.966	2.817	2.550	2.250-16 UN
40	2.500-16 UN	2.750	1.950	.966	3.061	2.800	2.500-16 UN
44	2.750-16 UN	3.000	1.950	.966	3.311	3.050	2.750-16 UN
48	3.000-16 UN	3.250	1.950	.966	3.561	3.300	3.000-16 UN

* ADD .435 FOR ARRANGEMENTS WITH SIZE 0 CONTACTS.



FRONT RELEASE MS3406

CLASSES D, DS, L, KS, KT, U, AND W



PLUG, FRONT RELEASE, CRIMP CONTACTS.
DIMENSIONS SUBJECT TO CHANGE WITHOUT NOTICE.
DIMENSIONS ARE IN INCHES.

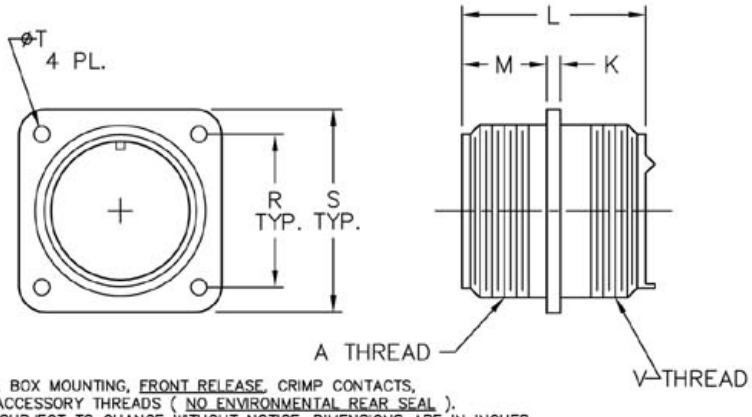
SHELL SIZE	A THREAD CLASS 2B	L * MAX.	ØQ MAX.	V THREAD CLASS 2A
10S	.625–24 UNEF	1.925	.969	.625–24 UNEF
10SL	.625–24 UNEF	1.925	.969	.625–24 UNEF
12S	.750–20 UNEF	1.925	1.062	.750–20 UNEF
12	.750–20 UNEF	1.925	1.062	.750–20 UNEF
14S	.875–20 UNEF	1.925	1.156	.875–20 UNEF
14	.875–20 UNEF	1.925	1.156	.875–20 UNEF
16S	1.000–20 UNEF	1.925	1.250	1.000–20 UNEF
16	1.000–20 UNEF	1.925	1.250	1.000–20 UNEF
18	1.125–18 UNEF	1.925	1.344	1.0625–18 UNEF
20	1.250–18 UNEF	1.950	1.469	1.1875–18 UNEF
22	1.375–18 UNEF	1.950	1.594	1.3125–18 UNEF
24	1.500–18 UNEF	1.950	1.719	1.4375–18 UNEF
28	1.750–18 UNS	1.950	1.969	1.750–18 UNS
32	2.000–18 UNS	1.950	2.219	2.000–18 UNS
36	2.250–16 UN	1.950	2.469	2.250–16 UN
40	2.500–16 UN	1.950	2.719	2.500–16 UN
44	2.750–16 UN	1.950	2.969	2.750–16 UN
48	3.000–16 UN	1.950	3.219	3.000–16 UN

* ADD .435 FOR ARRANGEMENTS WITH SIZE 0 CONTACTS.



FRONT RELEASE MS3412

CLASSES D, DS, L, U, AND W



RECEPTACLE, BOX MOUNTING, FRONT RELEASE, CRIMP CONTACTS,
WITH REAR ACCESSORY THREADS (NO ENVIRONMENTAL REAR SEAL).
DIMENSIONS SUBJECT TO CHANGE WITHOUT NOTICE. DIMENSIONS ARE IN INCHES

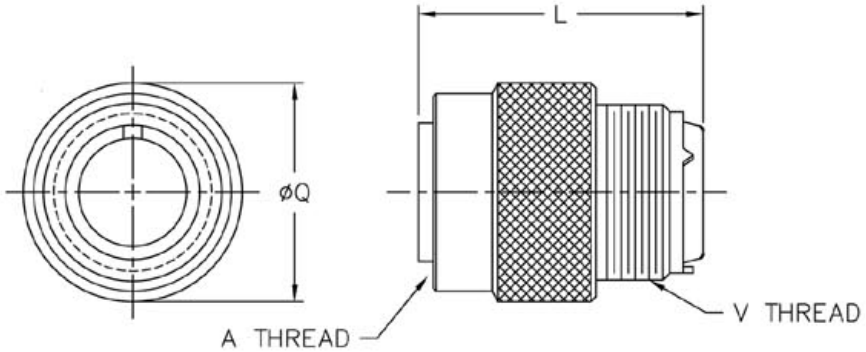
SHELL SIZE	A THREAD CLASS 2A	K ±.015	L * MAX.	M +.031 −.000	R ±.005	S ±.031	øT +.010 −.005 CLASS D,DS,L	V THREAD CLASS 2A
10S	.625−24 UNEF	.083	1.550	.562	.719	1.000	.120	.625−24 UNEF
10SL	.625−24 UNEF	.083	1.550	.562	.719	1.000	.120	.625−24 UNEF
12S	.750−20 UNEF	.083	1.550	.562	.812	1.094	.120	.750−20 UNEF
12	.750−20 UNEF	.083	1.550	.750	.812	1.094	.120	.750−20 UNEF
14S	.875−20 UNEF	.083	1.550	.562	.906	1.188	.120	.875−20 UNEF
14	.875−20 UNEF	.083	1.550	.750	.906	1.188	.120	.875−20 UNEF
16S	1.000−20 UNEF	.083	1.550	.562	.969	1.281	.120	1.000−20 UNEF
16	1.000−20 UNEF	.083	1.550	.750	.969	1.281	.120	1.000−20 UNEF
18	1.125−18 UNEF	.125	1.550	.750	1.062	1.375	.120	1.0625−18 UNEF
20	1.250−18 UNEF	.125	1.600	.750	1.156	1.500	.120	1.1875−18 UNEF
22	1.375−18 UNEF	.125	1.600	.750	1.250	1.625	.120	1.3125−18 UNEF
24	1.500−18 UNEF	.125	1.600	.812	1.375	1.750	.147	1.4375−18 UNEF
28	1.750−18 UNS	.125	1.600	.812	1.562	2.000	.147	1.750−18 UNS
32	2.000−18 UNS	.125	1.600	.875	1.750	2.250	.173	2.000−18 UNS
36	2.250−16 UN	.125	1.600	.875	1.938	2.500	.173	2.250−16 UN
40	2.500−16 UN	.125	1.600	.875	2.188	2.750	.173	2.500−16 UN
44	2.750−16 UN	.125	1.600	.875	2.375	3.000	.173	2.750−16 UN
48	3.000−16 UN	.125	1.600	.875	2.625	3.250	.173	3.000−16 UN

* ADD .337 FOR ARRANGEMENTS WITH SIZE 8, 4 OR 0 CONTACTS.



JT3496 SELF LOCKING PLUG

CLASSES D, DS, L, KS, KT, U, AND W



SELF LOCKING PLUG, FRONT RELEASE, CRIMP CONTACTS.
DIMENSIONS SUBJECT TO CHANGE WITHOUT NOTICE.
DIMENSIONS ARE IN INCHES.

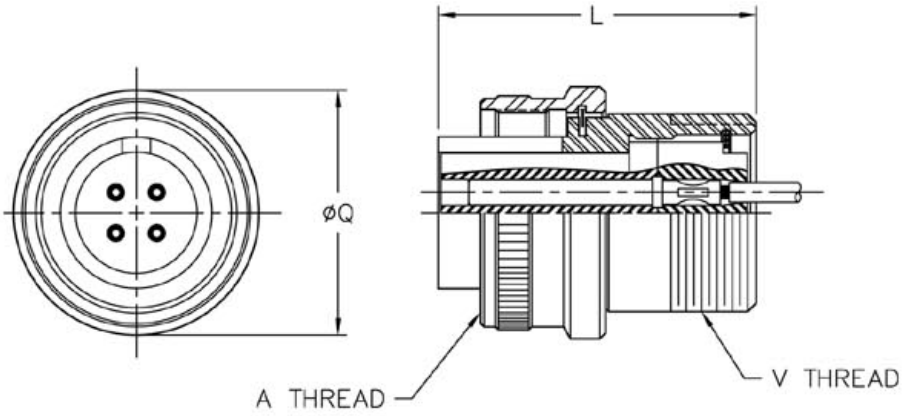
SHELL SIZE	A THREAD CLASS 2B	L * MAX.	ØQ MAX.	V THREAD CLASS 2A
10S	.625–24 UNEF	1.925	.969	.625–24 UNEF
10SL	.625–24 UNEF	1.925	.969	.625–24 UNEF
12S	.750–20 UNEF	1.925	1.062	.750–20 UNEF
12	.750–20 UNEF	1.925	1.062	.750–20 UNEF
14S	.875–20 UNEF	1.925	1.156	.875–20 UNEF
14	.875–20 UNEF	1.925	1.156	.875–20 UNEF
16S	1.000–20 UNEF	1.925	1.250	1.000–20 UNEF
16	1.000–20 UNEF	1.925	1.250	1.000–20 UNEF
18	1.125–18 UNEF	1.925	1.344	1.0625–18 UNEF
20	1.250–18 UNEF	1.950	1.469	1.1875–18 UNEF
22	1.375–18 UNEF	1.950	1.594	1.3125–18 UNEF
24	1.500–18 UNEF	1.950	1.719	1.4375–18 UNEF
28	1.750–18 UNS	1.950	1.969	1.750–18 UNS
32	2.000–18 UNS	1.950	2.219	2.000–18 UNS
36	2.250–16 UN	1.950	2.469	2.250–16 UN

* ADD .435 FOR ARRANGEMENTS WITH SIZE 0 CONTACTS.



JT56HT*

HIGH TEMPERATURE CONNECTOR



CONSULT FACTORY FOR AVAILABLE INSERTS AND ORDERING INFORMATION.
DIMENSIONS SUBJECT TO CHANGE WITHOUT NOTICE.
DIMENSIONS ARE IN INCHES.

SHELL SIZE	A THREAD CLASS 2B	L * MAX.	ØQ MAX.	V THREAD CLASS 2A
8S	.500–28 UNEF	1.925	.770	.500–20 UNF
10S	.625–24 UNEF	1.925	.870	.625–24 UNEF
10SL	.625–24 UNEF	1.925	.870	.625–24 UNEF
12	.750–20 UNEF	1.925	.995	.750–20 UNEF
12S	.750–20 UNEF	1.925	.995	.750–20 UNEF
14	.875–20 UNEF	1.925	1.120	.875–20 UNEF
14S	.875–20 UNEF	1.925	1.120	.875–20 UNEF
16	1.000–20 UNEF	1.925	1.240	1.000–20 UNEF
16S	1.000–20 UNEF	1.925	1.240	1.000–20 UNEF
18	1.125–18 UNEF	1.925	1.330	1.0625–18 UNEF
20	1.250–18 UNEF	1.950	1.460	1.1875–18 UNEF
22	1.375–18 UNEF	1.950	1.580	1.3125–18 UNEF
24	1.500–18 UNEF	1.950	1.710	1.4375–18 UNEF
28	1.750–18 UNS	1.950	1.960	1.750–18 UNS
32	2.000–18 UNS	1.950	2.210	2.000–18 UNS
36	2.250–16 UN	1.950	2.460	2.250–16 UN

* ADD .435 FOR ARRANGEMENTS WITH SIZE 0 CONTACTS.



JTFW100*

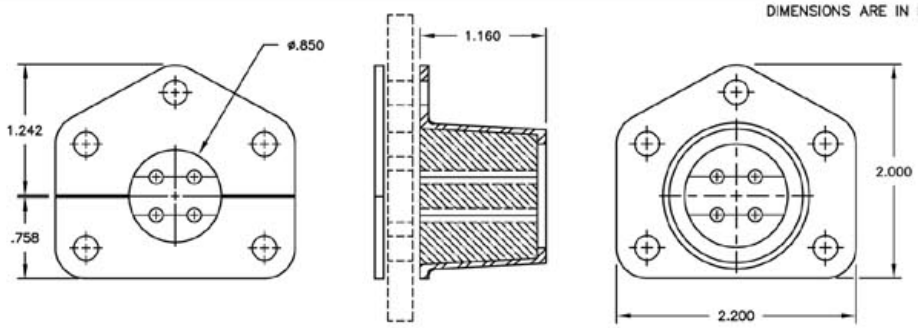
FIREWALL WIRE FEED THROUGH CONNECTOR

- WITHSTANDS UP TO 2000°F FOR 15 MINUTES WITH NO WIRE BURN THROUGH.
- AVAILABLE IN REPAIRABLE OR NON-REPAIRABLE VERSIONS.
- CONSULT FACTORY FOR ADDITIONAL SIZE AVAILABILITY, APPLICATIONS, AND ORDERING INFORMATION.

JTFW1000 REPAIRABLE

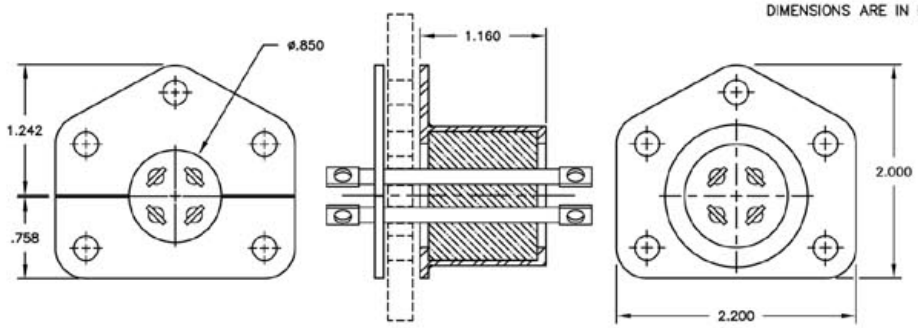
PATENT PENDING

DIMENSIONS ARE IN INCHES.



JTFW1001 NON-REPAIRABLE

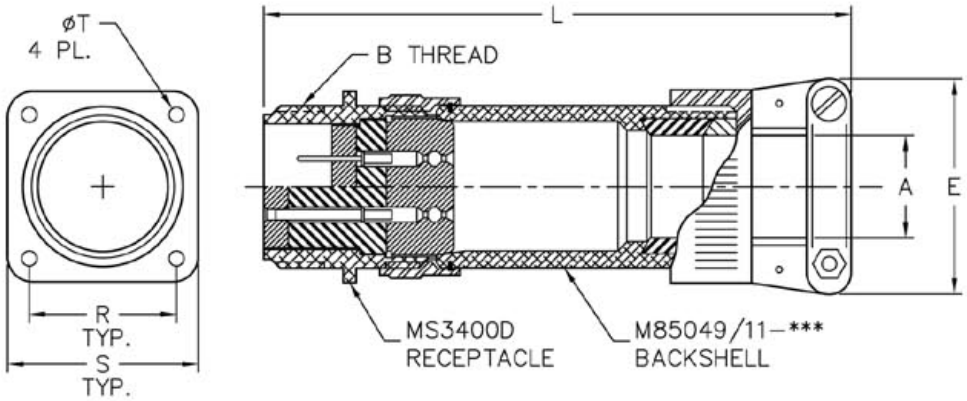
DIMENSIONS ARE IN INCHES.





MS3400DJ

WALL MOUNT RECEPTACLE STRAIGHT BACKSHELL ASSEMBLY



ASSEMBLY NO.	CONNECTOR RECEPTACLE NO.	BACKSHELL ASSEMBLY NO.	A CABLE ENTRY		B THREAD CLASS 2A	E MAX.	L* MAX.	R ±.005	S ±.031	øT MAX.
			MAX.	MIN.						
MS3400DJ 10AXX	MS3400D-10S-XX	M85049/11-09W	.312	.125	.625-24 UNEF	.957	4.938	.719	1.000	.120
MS3400DJ 10BXX	MS3400D-10S-XX	M85049/11-11W	.437	.250	.625-24 UNEF	1.145	5.688	.719	1.000	.120
MS3400DJ 10DXX	MS3400D-10S-XX	M85049/11-136W	.375	.250	.625-24 UNEF	1.145	4.938	.719	1.000	.120
MS3400DJ 11AXX	MS3400D-10SL-XX	M85049/11-09W	.312	.125	.625-24 UNEF	.957	4.938	.719	1.000	.120
MS3400DJ 11BXX	MS3400D-10SL-XX	M85049/11-11W	.437	.250	.625-24 UNEF	1.145	5.688	.719	1.000	.120
MS3400DJ 11DXX	MS3400D-10SL-XX	M85049/11-136W	.375	.250	.625-24 UNEF	1.145	4.938	.719	1.000	.120
MS3400DJ 12AXX	MS3400D -12-XX	M85049/11-114W	.312	.125	.750-20 UNEF	.957	4.938	.812	1.094	.120
MS3400DJ 12BXX	MS3400D -12-XX	M85049/11-15W	.625	.350	.750-20 UNEF	1.332	5.688	.812	1.094	.120
MS3400DJ 12DXX	MS3400D -12-XX	M85049/11-138W	.500	.350	.750-20 UNEF	1.332	4.938	.812	1.094	.120
MS3400DJ 12EXX	MS3400D -12-XX	M85049/11-13W	.437	.250	.750-20 UNEF	1.145	4.938	.812	1.094	.120
MS3400DJ 13AXX	MS3400D-12S-XX	M85049/11-114W	.312	.125	.750-20 UNEF	.957	4.938	.812	1.094	.120
MS3400DJ 13BXX	MS3400D-12S-XX	M85049/11-15W	.625	.350	.750-20 UNEF	1.332	5.688	.812	1.094	.120
MS3400DJ 13DXX	MS3400D-12S-XX	M85049/11-138W	.500	.350	.750-20 UNEF	1.332	4.938	.812	1.094	.120
MS3400DJ 13EXX	MS3400D-12S-XX	M85049/11-13W	.437	.250	.750-20 UNEF	1.145	4.938	.812	1.094	.120
MS3400DJ 14AXX	MS3400D -14-XX	M85049/11-116W	.437	.250	.875-20 UNEF	1.145	4.938	.906	1.188	.120
MS3400DJ 14BXX	MS3400D -14-XX	M85049/11-19W	.750	.500	.875-20 UNEF	1.551	5.750	.906	1.188	.120

* ADD .375 WHEN CONTACT ARRANGEMENT INCLUDES SIZE 8, 4 AND 0 CONTACTS.



MS3400DJ

ASSEMBLY NO.	CONNECTOR RECEPTACLE NO.	BACKSHELL ASSEMBLY NO.	A CABLE ENTRY MAX.	A CABLE ENTRY MIN.	B THREAD CLASS 2A	E MAX.	L * MAX.	R ±.005	S ±.031	øT MAX.
MS3400DJ 14DXX	MS3400D -14-XX	M85049/11-17W	.575	.350	.875-20 UNEF	1.332	4.938	.906	1.188	.120
MS3400DJ 14EXX	MS3400D -14-XX	M85049/11-150W	.312	.125	.875-20 UNEF	.957	4.938	.906	1.188	.120
MS3400DJ 15AXX	MS3400D -14S-XX	M85049/11-116W	.437	.250	.875-20 UNEF	1.145	4.938	.906	1.188	.120
MS3400DJ 15BXX	MS3400D -14S-XX	M85049/11-19W	.750	.500	.875-20 UNEF	1.551	5.750	.906	1.188	.120
MS3400DJ 15DXX	MS3400D -14S-XX	M85049/11-17W	.575	.350	.875-20 UNEF	1.332	4.938	.906	1.188	.120
MS3400DJ 15EXX	MS3400D -14S-XX	M85049/11-150W	.312	.125	.875-20 UNEF	.957	4.938	.906	1.188	.120
MS3400DJ 16AXX	MS3400D -16-XX	M85049/11-21W	.700	.500	1.000-20 UNEF	1.551	5.000	.969	1.284	.120
MS3400DJ 16BXX	MS3400D -16-XX	M85049/11-23W	.937	.625	1.000-20 UNEF	1.770	5.812	.969	1.284	.120
MS3400DJ 16DXX	MS3400D -16-XX	M85049/11-112W	.437	.250	1.000-20 UNEF	1.145	4.938	.969	1.284	.120
MS3400DJ 16EXX	MS3400D -16-XX	M85049/11-118W	.625	.350	1.000-20 UNEF	1.332	4.938	.969	1.284	.120
MS3400DJ 17AXX	MS3400D -16S-XX	M85049/11-21W	.700	.500	1.000-20 UNEF	1.551	5.000	.969	1.284	.120
MS3400DJ 17BXX	MS3400D -16S-XX	M85049/11-23W	.937	.625	1.000-20 UNEF	1.770	5.812	.969	1.284	.120
MS3400DJ 17DXX	MS3400D -16S-XX	M85049/11-112W	.437	.250	1.000-20 UNEF	1.145	4.938	.969	1.284	.120
MS3400DJ 17EXX	MS3400D -16S-XX	M85049/11-118W	.625	.350	1.000-20 UNEF	1.332	4.938	.969	1.284	.120
MS3400DJ 18AXX	MS3400D -18-XX	M85049/11-25W	.625	.350	1.125-18 UNEF	1.332	4.938	1.062	1.375	.120
MS3400DJ 18BXX	MS3400D -18-XX	M85049/11-27W	.750	.500	1.125-18 UNEF	1.551	5.000	1.062	1.375	.120
MS3400DJ 18EXX	MS3400D -18-XX	M85049/11-120W	.312	.125	1.125-18 UNEF	.957	4.938	1.062	1.375	.120
MS3400DJ 18FXX	MS3400D -18-XX	M85049/11-122W	.437	.250	1.125-18 UNEF	1.145	4.938	1.062	1.375	.120
MS3400DJ 20AXX	MS3400D -20-XX	M85049/11-31W	.625	.350	1.250-18 UNEF	1.332	5.938	1.156	1.500	.120
MS3400DJ 20BXX	MS3400D -20-XX	M85049/11-33W	.750	.500	1.250-18 UNEF	1.551	6.000	1.156	1.500	.120
MS3400DJ 20EXX	MS3400D -20-XX	M85049/11-37W	1.250	.875	1.250-18 UNEF	2.113	7.062	1.156	1.500	.120
MS3400DJ 20FXX	MS3400D -20-XX	M85049/11-124W	.437	.250	1.250-18 UNEF	1.145	5.938	1.156	1.500	.120
MS3400DJ 20GXX	MS3400D -20-XX	M85049/11-140W	.904	.625	1.250-18 UNEF	1.770	6.062	1.156	1.500	.120
MS3400DJ 22AXX	MS3400D -22-XX	M85049/11-39W	.625	.350	1.375-18 UNEF	1.332	5.938	1.250	1.625	.120
MS3400DJ 22BXX	MS3400D -22-XX	M85049/11-41W	.750	.500	1.375-18 UNEF	1.551	6.000	1.250	1.625	.120
MS3400DJ 22DXX	MS3400D -22-XX	M85049/11-43W	.937	.625	1.375-18 UNEF	1.770	6.062	1.250	1.625	.120
MS3400DJ 22EXX	MS3400D -22-XX	M85049/11-45W	1.250	.875	1.375-18 UNEF	2.113	7.062	1.250	1.625	.120
MS3400DJ 22FXX	MS3400D -22-XX	M85049/11-126W	.312	.125	1.375-18 UNEF	.957	5.938	1.250	1.625	.120
MS3400DJ 22GXX	MS3400D -22-XX	M85049/11-128W	.437	.250	1.375-18 UNEF	1.145	5.938	1.250	1.625	.120
MS3400DJ 22HXX	MS3400D -22-XX	M85049/11-142W	1.029	.875	1.375-18 UNEF	2.113	6.312	1.250	1.625	.120
MS3400DJ 24AXX	MS3400D -24-XX	M85049/11-47W	.750	.500	1.500-18 UNEF	1.551	6.000	1.375	1.750	.147
MS3400DJ 24BXX	MS3400D -24-XX	M85049/11-49W	.812	.625	1.500-18 UNEF	1.770	6.062	1.375	1.750	.147

* ADD .375 WHEN CONTACT ARRANGEMENT INCLUDES SIZE 8, 4 AND 0 CONTACTS.



MS3400DJ

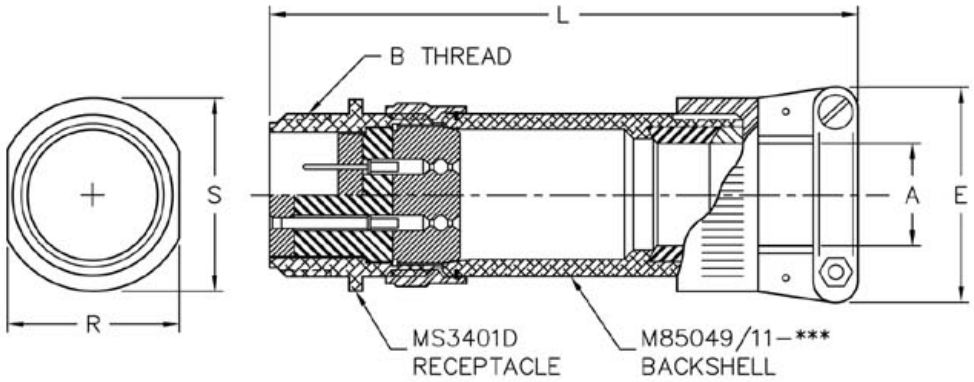
ASSEMBLY NO.	CONNECTOR RECEPTACLE NO.	BACKSHELL ASSEMBLY NO.	A CABLE ENTRY MAX.	A CABLE ENTRY MIN.	B THREAD CLASS 2A	E MAX.	L* MAX.	R ±.005	S ±.031	øT MAX.
MS3400DJ 24DXX	MS3400D -24-XX	M85049/11-51W	.937	.625	1.500-18 UNEF	1.770	6.062	1.375	1.750	.147
MS3400DJ 24EXX	MS3400D -24-XX	M85049/11-53W	1.250	.875	1.500-18 UNEF	2.113	7.062	1.375	1.750	.147
MS3400DJ 24FXX	MS3400D -24-XX	M85049/11-130W	.625	.350	1.500-18 UNEF	1.332	5.938	1.375	1.750	.147
MS3400DJ 24GXX	MS3400D -24-XX	M85049/11-144W	1.144	.875	1.500-18 UNEF	2.113	6.312	1.375	1.750	.147
MS3400DJ 28AXX	MS3400D -28-XX	M85049/11-55W	.750	.500	1.750-18 UNS	1.551	6.000	1.562	2.000	.147
MS3400DJ 28BXX	MS3400D -28-XX	M85049/11-57W	.937	.625	1.750-18 UNS	1.770	6.062	1.562	2.000	.147
MS3400DJ 28DXX	MS3400D -28-XX	M85049/11-59W	1.250	.875	1.750-18 UNS	2.113	6.312	1.562	2.000	.147
MS3400DJ 28EXX	MS3400D -28-XX	M85049/11-61W	1.375	1.000	1.750-18 UNS	2.363	6.438	1.562	2.000	.147
MS3400DJ 32AXX	MS3400D -32-XX	M85049/11-63W	.937	.625	2.000-18 UNS	1.770	6.062	1.750	2.250	.173
MS3400DJ 32BXX	MS3400D -32-XX	M85049/11-65W	1.250	.875	2.000-18 UNS	2.113	6.312	1.750	2.250	.173
MS3400DJ 32DXX	MS3400D -32-XX	M85049/11-67W	1.375	1.000	2.000-18 UNS	2.363	6.438	1.750	2.250	.173
MS3400DJ 32EXX	MS3400D -32-XX	M85049/11-69W	1.625	1.250	2.000-18 UNS	2.770	6.750	1.750	2.250	.173
MS3400DJ 36AXX	MS3400D -36-XX	M85049/11-71W	1.250	.875	2.250-16 UN	2.113	7.312	1.938	2.500	.173
MS3400DJ 36BXX	MS3400D -36-XX	M85049/11-73W	1.375	1.000	2.250-16 UN	2.363	7.438	1.938	2.500	.173
MS3400DJ 36DXX	MS3400D -36-XX	M85049/11-75W	1.625	1.250	2.250-16 UN	2.770	7.688	1.938	2.500	.173
MS3400DJ 36EXX	MS3400D -36-XX	M85049/11-146W	1.840	1.437	2.250-16 UN	3.020	7.750	1.938	2.500	.173
MS3400DJ 36FXX	MS3400D -36-XX	M85049/11-132W	.750	.500	2.250-16 UN	1.551	7.000	1.938	2.500	.173
MS3400DJ 36GXX	MS3400D -36-XX	M85049/11-148W	.937	.625	2.250-16 UN	1.770	7.062	1.938	2.500	.173
MS3400DJ 40AXX	MS3400D -40-XX	M85049/11-79W	1.250	.875	2.500-16 UN	2.113	7.312	2.188	2.750	.173
MS3400DJ 40BXX	MS3400D -40-XX	M85049/11-81W	1.375	1.000	2.500-16 UN	2.363	7.438	2.188	2.750	.173
MS3400DJ 40DXX	MS3400D -40-XX	M85049/11-83W	1.625	1.250	2.500-16 UN	2.770	7.688	2.188	2.750	.173
MS3400DJ 40EXX	MS3400D -40-XX	M85049/11-85W	1.840	1.437	2.500-16 UN	3.020	7.750	2.188	2.750	.173
MS3400DJ 40FXX	MS3400D -40-XX	M85049/11-134W	.750	.500	2.500-16 UN	1.551	7.000	2.188	2.750	.173
MS3400DJ 44AXX	MS3400D -44-XX	M85049/11-87W	1.250	.875	2.750-16 UN	2.113	7.312	2.375	3.000	.173
MS3400DJ 44BXX	MS3400D -44-XX	M85049/11-89W	1.375	1.000	2.750-16 UN	2.363	7.438	2.375	3.000	.173
MS3400DJ 44DXX	MS3400D -44-XX	M85049/11-91W	1.625	1.250	2.750-16 UN	2.770	7.688	2.375	3.000	.173
MS3400DJ 44EXX	MS3400D -44-XX	M85049/11-93W	1.840	1.437	2.750-16 UN	3.020	7.750	2.375	3.000	.173
MS3400DJ 44FXX	MS3400D -44-XX	M85049/11-154W	.937	.625	2.750-16 UN	1.770	7.062	2.375	3.000	.173
MS3400DJ 48AXX	MS3400D -48-XX	M85049/11-95W	1.250	.875	3.000-16 UN	2.113	7.312	2.625	3.250	.173
MS3400DJ 48BXX	MS3400D -48-XX	M85049/11-97W	1.375	1.000	3.000-16 UN	2.363	7.438	2.625	3.250	.173
MS3400DJ 48DXX	MS3400D -48-XX	M85049/11-99W	1.625	1.250	3.000-16 UN	2.770	7.688	2.625	3.250	.173
MS3400DJ 48EXX	MS3400D -48-XX	M85049/11-101W	1.840	1.437	3.000-16 UN	3.020	7.750	2.625	3.250	.173

* ADD .375 WHEN CONTACT ARRANGEMENT INCLUDES SIZE 8, 4 AND 0 CONTACTS.



MS3401DJ

CABLE CONNECTOR RECEPTACLE STRAIGHT BACKSHELL ASSEMBLY



ASSEMBLY NO.	CONNECTOR RECEPTACLE NO.	BACKSHELL ASSEMBLY NO.	A CABLE ENTRY		B THREAD CLASS 2A	E MAX.	L* MAX.	R ±.005	S ±.031
			MAX.	MIN.					
MS3401DJ 10AXX	MS3401D-10S-XX	M85049/11-09W	.312	.125	.625-24 UNEF	.957	4.938	.625	.854
MS3401DJ 10BXX	MS3401D-10S-XX	M85049/11-11W	.437	.250	.625-24 UNEF	1.145	5.688	.625	.854
MS3401DJ 10DXX	MS3401D-10S-XX	M85049/11-136W	.375	.250	.625-24 UNEF	1.145	4.938	.625	.854
MS3401DJ 11AXX	MS3401D-10SL-XX	M85049/11-09W	.312	.125	.625-24 UNEF	.957	4.938	.625	.854
MS3401DJ 11BXX	MS3401D-10SL-XX	M85049/11-11W	.437	.250	.625-24 UNEF	1.145	5.688	.625	.854
MS3401DJ 11DXX	MS3401D-10SL-XX	M85049/11-136W	.375	.250	.625-24 UNEF	1.145	4.938	.625	.854
MS3401DJ 12AXX	MS3401D-12-XX	M85049/11-114W	.312	.125	.750-20 UNEF	.957	4.938	.750	.974
MS3401DJ 12BXX	MS3401D-12-XX	M85049/11-15W	.625	.350	.750-20 UNEF	1.332	5.688	.750	.974
MS3401DJ 12DXX	MS3401D-12-XX	M85049/11-138W	.500	.350	.750-20 UNEF	1.332	4.938	.750	.974
MS3401DJ 12EXX	MS3401D-12-XX	M85049/11-13W	.437	.250	.750-20 UNEF	1.145	4.938	.750	.974
MS3401DJ 13AXX	MS3401D-12S-XX	M85049/11-114W	.312	.125	.750-20 UNEF	.957	4.938	.750	.974
MS3401DJ 13BXX	MS3401D-12S-XX	M85049/11-15W	.625	.350	.750-20 UNEF	1.332	5.688	.750	.974
MS3401DJ 13DXX	MS3401D-12S-XX	M85049/11-138W	.500	.350	.750-20 UNEF	1.332	4.938	.750	.974
MS3401DJ 13EXX	MS3401D-12S-XX	M85049/11-13W	.437	.250	.750-20 UNEF	1.145	4.938	.750	.974
MS3401DJ 14AXX	MS3401D-14-XX	M85049/11-116W	.437	.250	.875-20 UNEF	1.145	4.938	.875	1.099
MS3401DJ 14BXX	MS3401D-14-XX	M85049/11-19W	.750	.500	.875-20 UNEF	1.551	5.750	.875	1.099

* ADD .375 WHEN CONTACT ARRANGEMENT INCLUDES SIZE 8, 4 AND 0 CONTACTS.



MS3401DJ

ASSEMBLY NO.	CONNECTOR RECEPTACLE NO.	BACKSHELL ASSEMBLY NO.	A CABLE ENTRY MAX.	A CABLE ENTRY MIN.	B THREAD CLASS 2A	E MAX.	L* MAX.	R ±.005	S ±.031
MS3401DJ 14DXX	MS3401D -14-XX	M85049/11-17W	.575	.350	.875-20 UNEF	1.332	4.938	.875	1.099
MS3401DJ 14EXX	MS3401D -14-XX	M85049/11-15OW	.312	.125	.875-20 UNEF	.957	4.938	.875	1.099
MS3401DJ 15AXX	MS3401D -14S-XX	M85049/11-116W	.437	.250	.875-20 UNEF	1.145	4.938	.875	1.099
MS3401DJ 15BXX	MS3401D -14S-XX	M85049/11-19W	.750	.500	.875-20 UNEF	1.551	5.750	.875	1.099
MS3401DJ 15DXX	MS3401D -14S-XX	M85049/11-17W	.575	.350	.875-20 UNEF	1.332	4.938	.875	1.099
MS3401DJ 15EXX	MS3401D -14S-XX	M85049/11-17W	.312	.125	.875-20 UNEF	.957	4.938	.875	1.099
MS3401DJ 16AXX	MS3401D -16-XX	M85049/11-21W	.700	.500	1.000-20 UNEF	1.551	5.000	1.000	1.224
MS3401DJ 16BXX	MS3401D -16-XX	M85049/11-23W	.937	.625	1.000-20 UNEF	1.770	5.812	1.000	1.224
MS3401DJ 16DXX	MS3401D -16-XX	M85049/11-112W	.437	.250	1.000-20 UNEF	1.145	4.938	1.000	1.224
MS3401DJ 16EXX	MS3401D -16-XX	M85049/11-118W	.625	.350	1.000-20 UNEF	1.332	4.938	1.000	1.224
MS3401DJ 17AXX	MS3401D -16S-XX	M85049/11-21W	.700	.500	1.000-20 UNEF	1.551	5.000	1.000	1.224
MS3401DJ 17BXX	MS3401D -16S-XX	M85049/11-23W	.937	.625	1.000-20 UNEF	1.770	5.812	1.000	1.224
MS3401DJ 17DXX	MS3401D -16S-XX	M85049/11-112W	.437	.250	1.000-20 UNEF	1.145	4.938	1.000	1.224
MS3401DJ 17EXX	MS3401D -16S-XX	M85049/11-118W	.625	.350	1.000-20 UNEF	1.332	4.938	1.000	1.224
MS3401DJ 18AXX	MS3401D -18-XX	M85049/11-25W	.625	.350	1.125-18 UNEF	1.332	4.938	1.125	1.349
MS3401DJ 18BXX	MS3401D -18-XX	M85049/11-27W	.750	.500	1.125-18 UNEF	1.551	5.000	1.125	1.349
MS3401DJ 18EXX	MS3401D -18-XX	M85049/11-120W	.312	.125	1.125-18 UNEF	.957	4.938	1.125	1.349
MS3401DJ 18FXX	MS3401D -18-XX	M85049/11-122W	.437	.250	1.125-18 UNEF	1.145	4.938	1.125	1.349
MS3401DJ 20AXX	MS3401D -20-XX	M85049/11-31W	.625	.350	1.250-18 UNEF	1.332	5.938	1.250	1.474
MS3401DJ 20BXX	MS3401D -20-XX	M85049/11-33W	.750	.500	1.250-18 UNEF	1.551	6.000	1.250	1.474
MS3401DJ 20EXX	MS3401D -20-XX	M85049/11-37W	1.250	.875	1.250-18 UNEF	2.113	7.062	1.250	1.474
MS3401DJ 20FXX	MS3401D -20-XX	M85049/11-124W	.437	.250	1.250-18 UNEF	1.145	5.938	1.250	1.474
MS3401DJ 20GXX	MS3401D -20-XX	M85049/11 -140W	.904	.625	1.250-18 UNEF	1.770	6.062	1.250	1.474
MS3401DJ 22AXX	MS3401D -22-XX	M85049/11-39W	.625	.350	1.375-18 UNEF	1.332	5.938	1.375	1.599
MS3401DJ 22BXX	MS3401D -22-XX	M85049/11-41W	.750	.500	1.375-18 UNEF	1.551	6.000	1.375	1.599
MS3401DJ 22DXX	MS3401D -22-XX	M85049/11-43W	.937	.625	1.375-18 UNEF	1.770	6.062	1.375	1.599
MS3401DJ 22EXX	MS3401D -22-XX	M85049/11-45W	1.250	.875	1.375-18 UNEF	2.113	7.062	1.375	1.599
MS3401DJ 22FXX	MS3401D -22-XX	M85049/11 -126W	.312	.125	1.375-18 UNEF	.957	5.938	1.375	1.599
MS3401DJ 22GXX	MS3401D -22-XX	M85049/11 -128W	.437	.250	1.375-18 UNEF	1.145	5.938	1.375	1.599
MS3401DJ 22HXX	MS3401D -22-XX	M85049/11 -142W	1.029	.875	1.375-18 UNEF	2.113	6.312	1.375	1.599
MS3401DJ 24AXX	MS3401D -24-XX	M85049/11-47W	.750	.500	1.500-18 UNEF	1.551	6.000	1.500	1.715
MS3401DJ 24BXX	MS3401D -24-XX	M85049/11-49W	.812	.625	1.500-18 UNEF	1.770	6.062	1.500	1.715

* ADD .375 WHEN CONTACT ARRANGEMENT INCLUDES SIZE 8, 4 AND 0 CONTACTS.



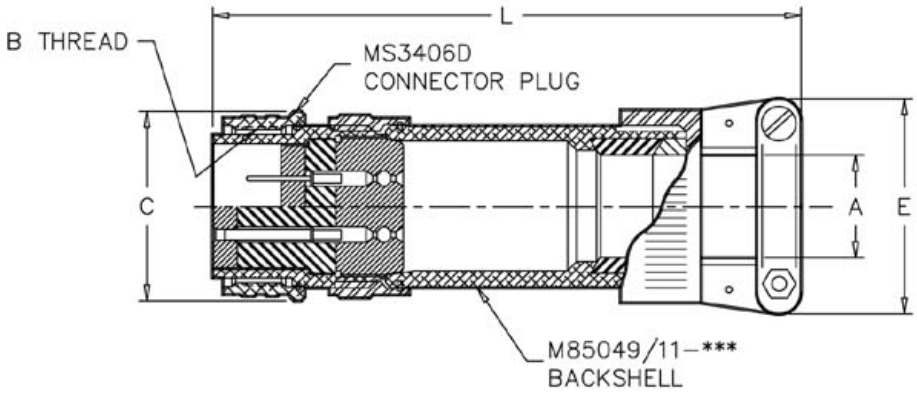
MS3401DJ

ASSEMBLY NO.	CONNECTOR RECEPTACLE NO.	BACKSHELL ASSEMBLY NO.	A CABLE ENTRY MAX.	A CABLE ENTRY MIN.	B THREAD CLASS 2A	E MAX.	L* MAX.	R ±.005	S ±.031
MS3401DJ 24DXX	MS3401D -24-XX	M85049/11-51W	.937	.625	1.500-18 UNEF	1.770	6.062	1.500	1.715
MS3401DJ 24EXX	MS3401D -24-XX	M85049/11-53W	1.250	.875	1.500-18 UNEF	2.113	7.062	1.500	1.715
MS3401DJ 24FXX	MS3401D -24-XX	M85049/11 -130W	.625	.350	1.500-18 UNEF	1.332	5.938	1.500	1.715
MS3401DJ 24GXX	MS3401D -24-XX	M85049/11 -144W	1.144	.875	1.500-18 UNEF	2.113	6.312	1.500	1.715
MS3401DJ 28AXX	MS3401D -28-XX	M85049/11-55W	.750	.500	1.750-18 UNS	1.551	6.000	1.750	1.974
MS3401DJ 28BXX	MS3401D -28-XX	M85049/11-57W	.937	.625	1.750-18 UNS	1.770	6.062	1.750	1.974
MS3401DJ 28DXX	MS3401D -28-XX	M85049/11-59W	1.250	.875	1.750-18 UNS	2.113	6.312	1.750	1.974
MS3401DJ 28EXX	MS3401D -28-XX	M85049/11-61W	1.375	1.000	1.750-18 UNS	2.363	6.438	1.750	1.974
MS3401DJ 32AXX	MS3401D -32-XX	M85049/11-63W	.937	.625	2.000-18 UNS	1.770	6.062	2.000	2.224
MS3401DJ 32BXX	MS3401D -32-XX	M85049/11-65W	1.250	.875	2.000-18 UNS	2.113	6.312	2.000	2.224
MS3401DJ 32DXX	MS3401D -32-XX	M85049/11-67W	1.375	1.000	2.000-18 UNS	2.363	6.438	2.000	2.224
MS3401DJ 32EXX	MS3401D -32-XX	M85049/11-69W	1.625	1.250	2.000-18 UNS	2.770	6.750	2.000	2.224
MS3401DJ 36AXX	MS3401D -36-XX	M85049/11-71W	1.250	.875	2.250-16 UN	2.113	7.312	2.250	2.474
MS3401DJ 36BXX	MS3401D -36-XX	M85049/11-73W	1.375	1.000	2.250-16 UN	2.363	7.438	2.250	2.474
MS3401DJ 36DXX	MS3401D -36-XX	M85049/11-75W	1.625	1.250	2.250-16 UN	2.770	7.688	2.250	2.474
MS3401DJ 36EXX	MS3401D -36-XX	M85049/11-146W	1.840	1.437	2.250-16 UN	3.020	7.750	2.250	2.474
MS3401DJ 36FXX	MS3401D -36-XX	M85049/11-132W	.750	.500	2.250-16 UN	1.551	7.000	2.250	2.474
MS3401DJ 36GXX	MS3401D -36-XX	M85049/11-148W	.937	.625	2.250-16 UN	1.770	7.062	2.250	2.474
MS3401DJ 40AXX	MS3401D -40-XX	M85049/11-79W	1.250	.875	2.500-16 UN	2.113	7.312	2.505	2.724
MS3401DJ 40BXX	MS3401D -40-XX	M85049/11-81W	1.375	1.000	2.500-16 UN	2.363	7.438	2.505	2.724
MS3401DJ 40DXX	MS3401D -40-XX	M85049/11-83W	1.625	1.250	2.500-16 UN	2.770	7.688	2.505	2.724
MS3401DJ 40EXX	MS3401D -40-XX	M85049/11-85W	1.840	1.437	2.500-16 UN	3.020	7.750	2.505	2.724
MS3401DJ 40FXX	MS3401D -40-XX	M85049/11-134W	.750	.500	2.500-16 UN	1.551	7.000	2.505	2.724
MS3401DJ 44AXX	MS3401D -44-XX	M85049/11-87W	1.250	.875	2.750-16 UN	2.113	7.312	2.755	2.974
MS3401DJ 44BXX	MS3401D -44-XX	M85049/11-89W	1.375	1.000	2.750-16 UN	2.363	7.438	2.755	2.974
MS3401DJ 44DXX	MS3401D -44-XX	M85049/11-91W	1.625	1.250	2.750-16 UN	2.770	7.688	2.755	2.974
MS3401DJ 44EXX	MS3401D -44-XX	M85049/11-93W	1.840	1.437	2.750-16 UN	3.020	7.750	2.755	2.974
MS3401DJ 44FXX	MS3401D -44-XX	M85049/11-154W	.937	.625	2.750-16 UN	1.770	7.062	2.755	2.974
MS3401DJ 48AXX	MS3401D -48-XX	M85049/11-95W	1.250	.875	3.000-16 UN	2.113	7.312	3.005	3.224
MS3401DJ 48BXX	MS3401D -48-XX	M85049/11-97W	1.375	1.000	3.000-16 UN	2.363	7.438	3.005	3.224
MS3401DJ 48DXX	MS3401D -48-XX	M85049/11-99W	1.625	1.250	3.000-16 UN	2.770	7.688	3.005	3.224
MS3401DJ 48EXX	MS3401D -48-XX	M85049/11-101W	1.840	1.437	3.000-16 UN	3.020	7.750	3.005	3.224

* ADD .375 WHEN CONTACT ARRANGEMENT INCLUDES SIZE 8, 4, AND 0 CONTACTS.

MS3406DJ

PLUG STRAIGHT BACKSHELL ASSEMBLY



ASSEMBLY NO.	CONNECTOR RECEPTACLE NO.	BACKSHELL ASSEMBLY NO.	A CABLE ENTRY		B THREAD CLASS 2B	C MAX.	E MAX.	L* MAX.
			MAX.	MIN.				
MS3406DJ 10AXX	MS3406D-10S-XX	M85049/11-09W	.312	.125	.625-24 UNEF	.969	.957	4.938
MS3406DJ 10BXX	MS3406D-10S-XX	M85049/11-11W	.437	.250	.625-24 UNEF	.969	1.145	5.688
MS3406DJ 10DXX	MS3406D-10S-XX	M85049/11-136W	.375	.250	.625-24 UNEF	.969	1.145	4.938
MS3406DJ 11AXX	MS3406D-10SL-XX	M85049/11-09W	.312	.125	.625-24 UNEF	.969	.957	4.938
MS3406DJ 11BXX	MS3406D-10SL-XX	M85049/11-11W	.437	.250	.625-24 UNEF	.969	1.145	5.688
MS3406DJ 11DXX	MS3406D-10SL-XX	M85049/11-136W	.375	.250	.625-24 UNEF	.969	1.145	4.938
MS3406DJ 12AXX	MS3406D -12-XX	M85049/11-114W	.312	.125	.750-20 UNEF	1.062	.957	4.938
MS3406DJ 12BXX	MS3406D -12-XX	M85049/11-15W	.625	.350	.750-20 UNEF	1.062	1.332	5.688
MS3406DJ 12DXX	MS3406D -12-XX	M85049/11-138W	.500	.350	.750-20 UNEF	1.062	1.332	4.938
MS3406DJ 12EXX	MS3406D -12-XX	M85049/11-13W	.437	.250	.750-20 UNEF	1.062	1.145	4.938
MS3406DJ 13AXX	MS3406D-12S-XX	M85049/11-114W	.312	.125	.750-20 UNEF	1.062	.957	4.938
MS3406DJ 13BXX	MS3406D-12S-XX	M85049/11-15W	.625	.350	.750-20 UNEF	1.062	1.332	5.688
MS3406DJ 13DXX	MS3406D-12S-XX	M85049/11-138W	.500	.350	.750-20 UNEF	1.062	1.332	4.938
MS3406DJ 13EXX	MS3406D-12S-XX	M85049/11-13W	.437	.250	.750-20 UNEF	1.062	1.145	4.938
MS3406DJ 14AXX	MS3406D -14-XX	M85049/11-116W	.437	.250	.875-20 UNEF	1.156	1.145	4.938
MS3406DJ 14BXX	MS3406D -14-XX	M85049/11-19W	.750	.500	.875-20 UNEF	1.156	1.551	5.750

* ADD .375 WHEN CONTACT ARRANGEMENT INCLUDES SIZE 8, 4 AND 0 CONTACTS.



MS3406DJ

ASSEMBLY NO.	CONNECTOR RECEPTACLE NO.	BACKSHELL ASSEMBLY NO.	A CABLE ENTRY MAX.	A CABLE ENTRY MIN.	B THREAD CLASS 2B	C MAX.	E MAX.	L * MAX.
MS3406DJ 14DXX	MS3406D -14-XX	M85049/11-17W	.575	.350	.875-20 UNEF	1.156	1.332	4.938
MS3406DJ 14EXX	MS3406D -14-XX	M85049/11-150W	.312	.125	.875-20 UNEF	1.156	.957	4.938
MS3406DJ 15AXX	MS3406D-14S-XX	M85049/11-116W	.437	.250	.875-20 UNEF	1.156	1.145	4.938
MS3406DJ 15BXX	MS3406D-14S-XX	M85049/11-19W	.750	.500	.875-20 UNEF	1.156	1.551	5.750
MS3406DJ 15DXX	MS3406D-14S-XX	M85049/11-17W	.575	.350	.875-20 UNEF	1.156	1.332	4.938
MS3406DJ 15EXX	MS3406D-14S-XX	M85049/11-150W	.312	.125	.875-20 UNEF	1.156	.957	4.938
MS3406DJ 16AXX	MS3406D -16-XX	M85049/11-21W	.700	.500	1.000-20 UNEF	1.250	1.551	5.000
MS3406DJ 16BXX	MS3406D -16-XX	M85049/11-23W	.937	.625	1.000-20 UNEF	1.250	1.770	5.812
MS3406DJ 16DXX	MS3406D -16-XX	M85049/11-112W	.437	.250	1.000-20 UNEF	1.250	1.145	4.938
MS3406DJ 16EXX	MS3406D -16-XX	M85049/11-118W	.625	.350	1.000-20 UNEF	1.250	1.332	4.938
MS3406DJ 17AXX	MS3406D-16S-XX	M85049/11-21W	.700	.500	1.000-20 UNEF	1.250	1.551	5.000
MS3406DJ 17BXX	MS3406D-16S-XX	M85049/11-23W	.937	.625	1.000-20 UNEF	1.250	1.770	5.812
MS3406DJ 17DXX	MS3406D-16S-XX	M85049/11-112W	.437	.250	1.000-20 UNEF	1.250	1.145	4.938
MS3406DJ 17EXX	MS3406D-16S-XX	M85049/11-118W	.625	.350	1.000-20 UNEF	1.250	1.332	4.938
MS3406DJ 18AXX	MS3406D -18-XX	M85049/11-25W	.625	.350	1.125-18 UNEF	1.344	1.332	4.938
MS3406DJ 18BXX	MS3406D -18-XX	M85049/11-27W	.750	.500	1.125-18 UNEF	1.344	1.551	5.000
MS3406DJ 18EXX	MS3406D -18-XX	M85049/11-120W	.312	.125	1.125-18 UNEF	1.344	.957	4.938
MS3406DJ 18FXX	MS3406D -18-XX	M85049/11-122W	.437	.250	1.125-18 UNEF	1.344	1.145	4.938
MS3406DJ 20AXX	MS3406D -20-XX	M85049/11-31W	.625	.350	1.250-18 UNEF	1.469	1.332	5.938
MS3406DJ 20BXX	MS3406D -20-XX	M85049/11-33W	.750	.500	1.250-18 UNEF	1.469	1.551	6.000
MS3406DJ 20EXX	MS3406D -20-XX	M85049/11-37W	1.250	.875	1.250-18 UNEF	1.469	2.113	7.062
MS3406DJ 20FXX	MS3406D -20-XX	M85049/11-124W	.437	.250	1.250-18 UNEF	1.469	1.145	5.938
MS3406DJ 20GXX	MS3406D -20-XX	M85049/11-140W	.904	.625	1.250-18 UNEF	1.469	1.770	6.062
MS3406DJ 22AXX	MS3406D -22-XX	M85049/11-39W	.625	.350	1.375-18 UNEF	1.594	1.332	5.938
MS3406DJ 22BXX	MS3406D -22-XX	M85049/11-41W	.750	.500	1.375-18 UNEF	1.594	1.551	6.000
MS3406DJ 22DXX	MS3406D -22-XX	M85049/11-43W	.937	.625	1.375-18 UNEF	1.594	1.770	6.062
MS3406DJ 22EXX	MS3406D -22-XX	M85049/11-45W	1.250	.875	1.375-18 UNEF	1.594	2.113	7.062
MS3406DJ 22FXX	MS3406D -22-XX	M85049/11-126W	.312	.125	1.375-18 UNEF	1.594	.957	5.938
MS3406DJ 22GXX	MS3406D -22-XX	M85049/11-128W	.437	.250	1.375-18 UNEF	1.594	1.145	5.938
MS3406DJ 22HXX	MS3406D -22-XX	M85049/11-142W	1.029	.875	1.375-18 UNEF	1.594	2.113	6.312
MS3406DJ 24AXX	MS3406D -24-XX	M85049/11-47W	.750	.500	1.500-18 UNEF	1.719	1.551	6.000
MS3406DJ 24BXX	MS3406D -24-XX	M85049/11-49W	.812	.625	1.500-18 UNEF	1.719	1.770	6.062

* ADD .375 WHEN CONTACT ARRANGEMENT INCLUDES SIZE 8, 4 AND 0 CONTACTS.



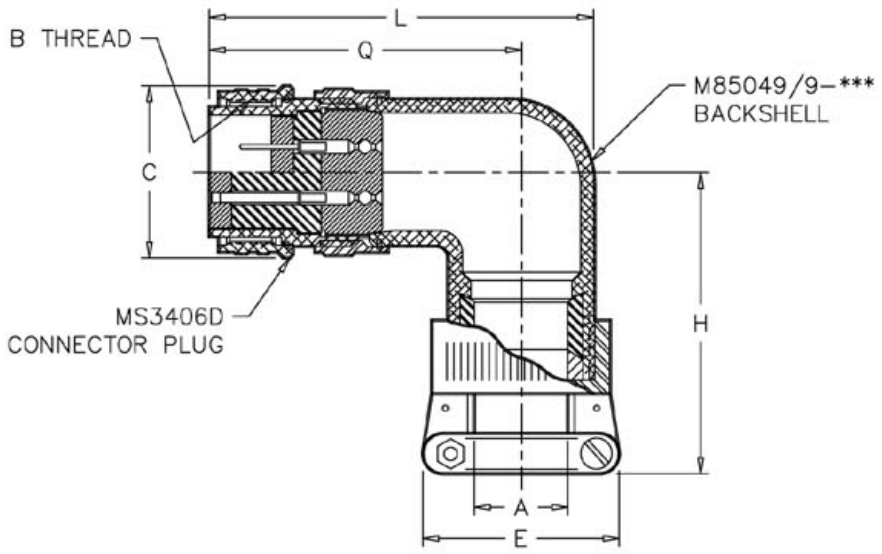
MS3406DJ

ASSEMBLY NO.	CONNECTOR RECEPTACLE NO.	BACKSHELL ASSEMBLY NO.	A CABLE ENTRY		B THREAD CLASS 2B	C MAX.	E MAX.	L* MAX.
			MAX.	MIN.				
MS3406DJ 24DXX	MS3406D-24-XX	M85049/11-51W	.937	.625	1.500-18 UNEF	1.719	1.770	6.062
MS3406DJ 24EXX	MS3406D-24-XX	M85049/11-53W	1.250	.875	1.500-18 UNEF	1.719	2.113	7.062
MS3406DJ 24FXX	MS3406D-24-XX	M85049/11-130W	.625	.350	1.500-18 UNEF	1.719	1.332	5.938
MS3406DJ 24GXX	MS3406D-24-XX	M85049/11-144W	1.144	.875	1.500-18 UNEF	1.719	2.113	6.312
MS3406DJ 28AXX	MS3406D-28-XX	M85049/11-55W	.750	.500	1.750-18 UNS	1.969	1.551	6.000
MS3406DJ 28BXX	MS3406D-28-XX	M85049/11-57W	.937	.625	1.750-18 UNS	1.969	1.770	6.062
MS3406DJ 28DXX	MS3406D-28-XX	M85049/11-59W	1.250	.875	1.750-18 UNS	1.969	2.113	6.312
MS3406DJ 28EXX	MS3406D-28-XX	M85049/11-61W	1.375	1.000	1.750-18 UNS	1.969	2.363	6.438
MS3406DJ 32AXX	MS3406D-32-XX	M85049/11-63W	.937	.625	2.000-18 UNS	2.219	1.770	6.062
MS3406DJ 32BXX	MS3406D-32-XX	M85049/11-65W	1.250	.875	2.000-18 UNS	2.219	2.113	6.312
MS3406DJ 32DXX	MS3406D-32-XX	M85049/11-67W	1.375	1.000	2.000-18 UNS	2.219	2.363	6.438
MS3406DJ 32EXX	MS3406D-32-XX	M85049/11-69W	1.625	1.250	2.000-18 UNS	2.219	2.770	6.750
MS3406DJ 36AXX	MS3406D-36-XX	M85049/11-71W	1.250	.875	2.250-16 UN	2.469	2.113	7.312
MS3406DJ 36BXX	MS3406D-36-XX	M85049/11-73W	1.375	1.000	2.250-16 UN	2.469	2.363	7.438
MS3406DJ 36DXX	MS3406D-36-XX	M85049/11-75W	1.625	1.250	2.250-16 UN	2.469	2.770	7.688
MS3406DJ 36EXX	MS3406D-36-XX	M85049/11-146W	1.840	1.437	2.250-16 UN	2.469	3.020	7.750
MS3406DJ 36FXX	MS3406D-36-XX	M85049/11-132W	.750	.500	2.250-16 UN	2.469	1.551	7.000
MS3406DJ 36GXX	MS3406D-36-XX	M85049/11-148W	.937	.625	2.250-16 UN	2.469	1.770	7.062
MS3406DJ 40AXX	MS3406D-40-XX	M85049/11-79W	1.250	.875	2.500-16 UN	2.719	2.113	7.312
MS3406DJ 40BXX	MS3406D-40-XX	M85049/11-81W	1.375	1.000	2.500-16 UN	2.719	2.363	7.438
MS3406DJ 40DXX	MS3406D-40-XX	M85049/11-83W	1.625	1.250	2.500-16 UN	2.719	2.770	7.688
MS3406DJ 40EXX	MS3406D-40-XX	M85049/11-85W	1.840	1.437	2.500-16 UN	2.719	3.020	7.750
MS3406DJ 40FXX	MS3406D-40-XX	M85049/11-134W	.750	.500	2.500-16 UN	2.719	1.551	7.000
MS3406DJ 44AXX	MS3406D-44-XX	M85049/11-87W	1.250	.875	2.750-16 UN	2.969	2.113	7.312
MS3406DJ 44BXX	MS3406D-44-XX	M85049/11-89W	1.375	1.000	2.750-16 UN	2.969	2.363	7.438
MS3406DJ 44DXX	MS3406D-44-XX	M85049/11-91W	1.625	1.250	2.750-16 UN	2.969	2.770	7.688
MS3406DJ 44EXX	MS3406D-44-XX	M85049/11-93W	1.840	1.437	2.750-16 UN	2.969	3.020	7.750
MS3406DJ 44FXX	MS3406D-44-XX	M85049/11-154W	.937	.625	2.750-16 UN	2.969	1.770	7.062
MS3406DJ 48AXX	MS3406D-48-XX	M85049/11-95W	1.250	.875	3.000-16 UN	3.219	2.113	7.312
MS3406DJ 48BXX	MS3406D-48-XX	M85049/11-97W	1.375	1.000	3.000-16 UN	3.219	2.363	7.438
MS3406DJ 48DXX	MS3406D-48-XX	M85049/11-99W	1.625	1.250	3.000-16 UN	3.219	2.770	7.688
MS3406DJ 48EXX	MS3406D-48-XX	M85049/11-101W	1.840	1.437	3.000-16 UN	3.219	3.020	7.750

* ADD .375 WHEN CONTACT ARRANGEMENT INCLUDES SIZE 8, 4 AND 0 CONTACTS.

MS3408DJ

90 PLUG BACKSHELL ASSEMBLY



ASSEMBLY NO.	CONNECTOR RECEPTACLE NO.	BACKSHELL ASSEMBLY NO.	A CABLE ENTRY MAX.	A CABLE ENTRY MIN.	B THREAD CLASS 2B	C MAX.	E MAX.	H MAX.	L* MAX.	Q MAX.
MS3408DJ 10AXX	MS3406D-10S-XX	M85049/9-04W	.312	.125	.625-24 UNEF	.969	.957	3.125	3.000	2.500
MS3408DJ 10BXX	MS3406D-10S-XX	M85049/9-49W	.437	.250	.625-24 UNEF	.969	1.145	3.125	3.812	3.250
MS3408DJ 10DXX	MS3406D-10S-XX	M85049/9-05W	.375	.250	.625-24 UNEF	.969	1.145	2.500	3.062	2.500
MS3408DJ 11AXX	MS3406D-10SL-XX	M85049/9-04W	.312	.125	.625-24 UNEF	.969	.957	3.125	3.000	2.500
MS3408DJ 11BXX	MS3406D-10SL-XX	M85049/9-49W	.437	.250	.625-24 UNEF	.969	1.145	3.125	3.812	3.250
MS3408DJ 11DXX	MS3406D-10SL-XX	M85049/9-05W	.375	.250	.625-24 UNEF	.969	1.145	2.500	3.062	2.500
MS3408DJ 12AXX	MS3406D-12-XX	M85049/9-06W	.312	.125	.750-20 UNEF	1.062	.957	3.125	3.000	2.500
MS3408DJ 12BXX	MS3406D-12-XX	M85049/9-71W	.625	.350	.750-20 UNEF	1.062	1.332	3.312	4.188	3.562
MS3408DJ 12DXX	MS3406D-12-XX	M85049/9-08W	.500	.350	.750-20 UNEF	1.062	1.332	2.500	3.188	2.500
MS3408DJ 12EXX	MS3406D-12-XX	M85049/9-07W	.437	.250	.750-20 UNEF	1.062	1.145	3.125	3.062	2.500
MS3408DJ 13AXX	MS3406D-12S-XX	M85049/9-06W	.312	.125	.750-20 UNEF	1.062	.957	3.125	3.000	2.500
MS3408DJ 13BXX	MS3406D-12S-XX	M85049/9-71W	.625	.350	.750-20 UNEF	1.062	1.332	3.312	4.188	3.562

* ADD .375 WHEN CONTACT ARRANGEMENT INCLUDES SIZE 8, 4 AND 0 CONTACTS.



MS3408DJ

ASSEMBLY NO.	CONNECTOR RECEPTACLE NO.	BACKSHELL ASSEMBLY NO.	A CABLE ENTRY MAX.	A CABLE ENTRY MIN.	B THREAD CLASS 2B	C MAX.	E MAX.	H MAX.	L* MAX.	Q MAX.
MS3408DJ 13DXX	MS3406D-12S-XX	MB5049/9-08W	.500	.350	.750-20 UNEF	1.062	1.332	2.500	3.188	2.500
MS3408DJ 13EXX	MS3406D-12S-XX	MB5049/9-07W	.437	.250	.750-20 UNEF	1.062	1.145	3.125	3.062	2.500
MS3408DJ 14AXX	MS3406D -14-XX	MB5049/9-09W	.437	.250	.875-20 UNEF	1.156	1.145	3.188	3.188	2.688
MS3408DJ 14BXX	MS3406D -14-XX	MB5049/9-50W	.750	.500	.875-20 UNEF	1.156	1.551	3.500	4.375	3.625
MS3408DJ 14DXX	MS3406D -14-XX	MB5049/9-10W	.575	.350	.875-20 UNEF	1.156	1.332	2.812	3.250	2.688
MS3408DJ 14EXX	MS3406D -14-XX	MB5049/9-74W	.312	.125	.875-20 UNEF	1.156	.957	3.188	3.125	2.625
MS3408DJ 15AXX	MS3406D-14S-XX	MB5049/9-09W	.437	.250	.875-20 UNEF	1.156	1.145	3.188	3.188	2.688
MS3408DJ 15BXX	MS3406D-14S-XX	MB5049/9-50W	.750	.500	.875-20 UNEF	1.156	1.551	3.500	4.375	3.625
MS3408DJ 15DXX	MS3406D-14S-XX	MB5049/9-10W	.575	.350	.875-20 UNEF	1.156	1.332	2.812	3.250	2.688
MS3408DJ 15EXX	MS3406D-14S-XX	MB5049/9-74W	.312	.125	.875-20 UNEF	1.156	.957	3.188	3.125	2.625
MS3408DJ 16AXX	MS3406D -16-XX	MB5049/9-12W	.700	.500	1.000-20 UNEF	1.250	1.551	2.938	3.562	2.812
MS3408DJ 16BXX	MS3406D -16-XX	MB5049/9-51W	.937	.625	1.000-20 UNEF	1.250	1.770	3.688	4.688	3.750
MS3408DJ 16DXX	MS3406D -16-XX	MB5049/9-11W	.437	.250	1.000-20 UNEF	1.250	1.145	3.312	3.375	2.812
MS3408DJ 16EXX	MS3406D -16-XX	MB5049/9-40W	.625	.350	1.000-20 UNEF	1.250	1.332	3.312	3.438	2.812
MS3408DJ 17AXX	MS3406D-16S-XX	MB5049/9-12W	.700	.500	1.000-20 UNEF	1.250	1.551	2.938	3.562	2.812
MS3408DJ 17BXX	MS3406D-16S-XX	MB5049/9-51W	.937	.625	1.000-20 UNEF	1.250	1.770	3.688	4.688	3.750
MS3408DJ 17DXX	MS3406D-16S-XX	MB5049/9-11W	.437	.250	1.000-20 UNEF	1.250	1.145	3.312	3.375	2.812
MS3408DJ 17EXX	MS3406D-16S-XX	MB5049/9-40W	.625	.350	1.000-20 UNEF	1.250	1.332	3.312	3.438	2.812
MS3408DJ 18AXX	MS3406D -18-XX	MB5049/9-13W	.625	.350	1.125-18 UNEF	1.344	1.332	3.438	3.625	2.875
MS3408DJ 18BXX	MS3406D -18-XX	MB5049/9-52W	.750	.500	1.125-18 UNEF	1.344	1.551	3.500	3.625	2.875
MS3408DJ 18EXX	MS3406D -18-XX	MB5049/9-41W	.312	.125	1.125-18 UNEF	1.344	.957	3.438	3.625	2.875
MS3408DJ 18FXX	MS3406D -18-XX	MB5049/9-42W	.437	.250	1.125-18 UNEF	1.344	1.145	3.438	3.625	2.875
MS3408DJ 20AXX	MS3406D -20-XX	MB5049/9-15W	.625	.350	1.250-18 UNEF	1.469	1.332	3.438	3.625	2.875
MS3408DJ 20BXX	MS3406D -20-XX	MB5049/9-54W	.750	.500	1.250-18 UNEF	1.469	1.551	3.500	3.625	2.875
MS3408DJ 20EXX	MS3406D -20-XX	MB5049/9-55W	1.250	.875	1.250-18 UNEF	1.469	2.113	4.062	4.938	3.875
MS3408DJ 20FXX	MS3406D -20-XX	MB5049/9-43W	.437	.250	1.250-18 UNEF	1.469	1.145	3.438	3.625	2.875
MS3408DJ 20GXX	MS3406D -20-XX	MB5049/9-16W	.904	.625	1.250-18 UNEF	1.469	1.770	3.250	3.750	2.875
MS3408DJ 22AXX	MS3406D -22-XX	MB5049/9-56W	.625	.350	1.375-18 UNEF	1.594	1.332	3.562	3.875	3.000
MS3408DJ 22BXX	MS3406D -22-XX	MB5049/9-17W	.750	.500	1.375-18 UNEF	1.594	1.551	3.625	3.875	3.000
MS3408DJ 22DXX	MS3406D -22-XX	MB5049/9-57W	.937	.625	1.375-18 UNEF	1.594	1.770	3.688	3.938	3.000
MS3408DJ 22EXX	MS3406D -22-XX	MB5049/9-58W	1.250	.875	1.375-18 UNEF	1.594	2.113	4.062	4.938	3.875
MS3408DJ 22FXX	MS3406D -22-XX	MB5049/9-44W	.312	.125	1.375-18 UNEF	1.594	.957	3.562	3.875	3.000
MS3408DJ 22GXX	MS3406D -22-XX	MB5049/9-45W	.437	.250	1.375-18 UNEF	1.594	1.145	3.562	3.875	3.000
MS3408DJ 22HXX	MS3406D -22-XX	MB5049/9-18W	1.029	.875	1.375-18 UNEF	1.594	2.113	3.562	4.062	3.000

* ADD .375 WHEN CONTACT ARRANGEMENT INCLUDES SIZE 8, 4 AND 0 CONTACTS.



MS3408DJ

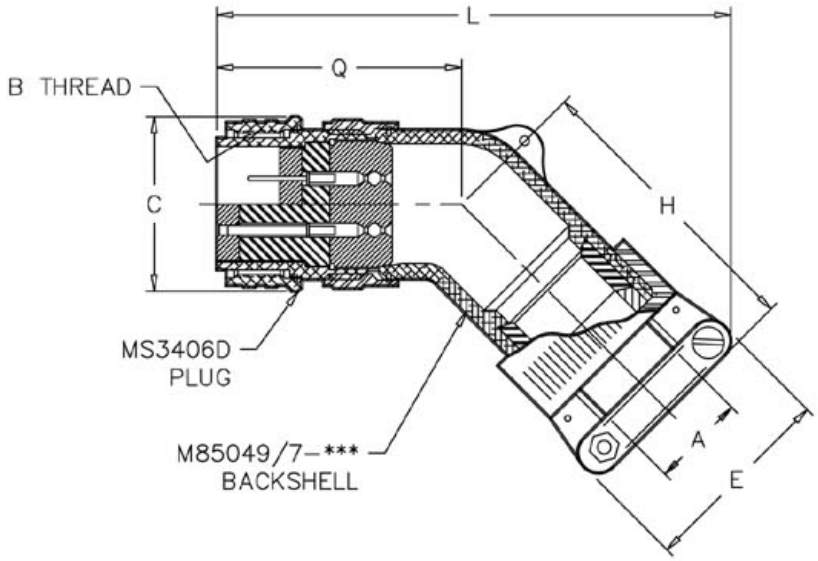
ASSEMBLY NO.	CONNECTOR RECEPTACLE NO.	BACKSHELL ASSEMBLY NO.	A CABLE ENTRY MAX.	A CABLE ENTRY MIN.	B THREAD CLASS 2B	C MAX.	E MAX.	H MAX.	L* MAX.	Q MAX.
MS3408DJ 24AXX	MS3406D-24-XX	M85049/9-19W	.750	.500	1.500-18 UNEF	1.719	1.551	3.625	3.875	3.000
MS3408DJ 24DXX	MS3406D-24-XX	M85049/9-59W	.937	.625	1.500-18 UNEF	1.719	1.770	3.688	3.938	3.000
MS3408DJ 24EXX	MS3406D-24-XX	M85049/9-73W	1.250	.875	1.500-18 UNEF	1.719	2.113	4.062	4.938	3.875
MS3408DJ 24FXX	MS3406D-24-XX	M85049/9-46W	.625	.350	1.500-18 UNEF	1.719	1.332	3.562	3.875	3.000
MS3408DJ 24GXX	MS3406D-24-XX	M85049/9-20W	1.144	.875	1.500-18 UNEF	1.719	2.113	3.562	4.062	3.000
MS3408DJ 28AXX	MS3406D-28-XX	M85049/9-60W	.750	.500	1.750-18 UNS	1.969	1.551	3.750	4.125	3.125
MS3408DJ 28BXX	MS3406D-28-XX	M85049/9-21W	.937	.625	1.750-18 UNS	1.969	1.770	3.875	4.125	3.125
MS3408DJ 28DXX	MS3406D-28-XX	M85049/9-61W	1.250	.875	1.750-18 UNS	1.969	2.113	4.062	4.188	3.125
MS3408DJ 28EXX	MS3406D-28-XX	M85049/9-22W	1.375	1.000	1.750-18 UNS	1.969	2.363	3.875	4.312	3.125
MS3408DJ 32AXX	MS3406D-32-XX	M85049/9-23W	.937	.625	2.000-18 UNS	2.219	1.770	4.125	4.625	3.500
MS3408DJ 32BXX	MS3406D-32-XX	M85049/9-24W	1.250	.875	2.000-18 UNS	2.219	2.113	4.312	4.625	3.500
MS3408DJ 32DXX	MS3406D-32-XX	M85049/9-62W	1.375	1.000	2.000-18 UNS	2.219	2.363	4.438	4.625	3.500
MS3408DJ 32EXX	MS3406D-32-XX	M85049/9-25W	1.625	1.250	2.000-18 UNS	2.219	2.770	4.375	4.875	3.500
MS3408DJ 36AXX	MS3406D-36-XX	M85049/9-63W	1.250	.875	2.250-16 UN	2.469	2.113	4.312	4.938	3.688
MS3408DJ 36BXX	MS3406D-36-XX	M85049/9-27W	1.375	1.000	2.250-16 UN	2.469	2.363	4.438	4.938	3.688
MS3408DJ 36DXX	MS3406D-36-XX	M85049/9-64W	1.625	1.250	2.250-16 UN	2.469	2.770	4.688	5.062	3.688
MS3408DJ 36EXX	MS3406D-36-XX	M85049/9-28W	1.840	1.437	2.250-16 UN	2.469	3.020	4.375	5.188	3.688
MS3408DJ 36FXX	MS3406D-36-XX	M85049/9-47W	.750	.500	2.250-16 UN	2.469	1.551	4.000	4.938	3.688
MS3408DJ 36GXX	MS3406D-36-XX	M85049/9-26W	.937	.625	2.250-16 UN	2.469	1.770	4.062	4.938	3.688
MS3408DJ 40AXX	MS3406D-40-XX	M85049/9-65W	1.250	.875	2.500-16 UN	2.719	2.113	4.312	5.688	4.438
MS3408DJ 40BXX	MS3406D-40-XX	M85049/9-30W	1.375	1.000	2.500-16 UN	2.719	2.363	4.438	5.688	4.438
MS3408DJ 40DXX	MS3406D-40-XX	M85049/9-66W	1.625	1.250	2.500-16 UN	2.719	2.770	4.688	5.812	4.438
MS3408DJ 40EXX	MS3406D-40-XX	M85049/9-31W	1.840	1.437	2.500-16 UN	2.719	3.020	4.375	5.938	4.438
MS3408DJ 40FXX	MS3406D-40-XX	M85049/9-48W	.750	.500	2.500-16 UN	2.719	1.551	4.000	5.688	3.688
MS3408DJ 44AXX	MS3406D-44-XX	M85049/9-67W	1.250	.875	2.750-16 UN	2.969	2.113	4.312	5.688	4.438
MS3408DJ 44BXX	MS3406D-44-XX	M85049/9-33W	1.375	1.000	2.750-16 UN	2.969	2.363	4.438	5.688	4.438
MS3408DJ 44DXX	MS3406D-44-XX	M85049/9-68W	1.625	1.250	2.750-16 UN	2.969	2.770	4.688	5.812	4.438
MS3408DJ 44EXX	MS3406D-44-XX	M85049/9-34W	1.840	1.437	2.750-16 UN	2.969	3.020	4.375	5.938	4.438
MS3408DJ 44FXX	MS3406D-44-XX	M85049/9-32W	.937	.625	2.750-16 UN	2.969	1.770	4.062	5.688	4.438
MS3408DJ 48AXX	MS3406D-48-XX	M85049/9-69W	1.250	.875	3.000-16 UN	3.219	2.113	4.312	5.688	4.438
MS3408DJ 48BXX	MS3406D-48-XX	M85049/9-36W	1.375	1.000	3.000-16 UN	3.219	2.363	4.438	5.688	4.438
MS3408DJ 48DXX	MS3406D-48-XX	M85049/9-70W	1.625	1.250	3.000-16 UN	3.219	2.770	4.688	5.812	4.438
MS3408DJ 48EXX	MS3406D-48-XX	M85049/9-37W	1.840	1.437	3.000-16 UN	3.219	3.020	4.375	5.938	4.438

* ADD .375 WHEN CONTACT ARRANGEMENT INCLUDES SIZE 8, 4 AND 0 CONTACTS.



MS3409DJ

45 BACKSHELL ASSEMBLY



ASSEMBLY NO.	CONNECTOR RECEPTACLE NO.	BACKSHELL ASSEMBLY NO.	A CABLE ENTRY MAX.	A CABLE ENTRY MIN.	B THREAD CLASS 2B	C MAX.	E MAX.	H MAX.	L * MAX.	Q MAX.
MS3409DJ 10AXX	MS3406D-10S-XX	M85049/7-04W	.312	.125	.625-24 UNEF	.969	.957	3.062	4.875	2.438
MS3409DJ 10BXX	MS3406D-10S-XX	M85049/7-49W	.437	.250	.625-24 UNEF	.969	1.145	3.062	5.812	3.250
MS3409DJ 10DXX	MS3406D-10S-XX	M85049/7-05W	.375	.250	.625-24 UNEF	.969	1.145	2.438	4.562	2.438
MS3409DJ 11AXX	MS3406D-10SL-XX	M85049/7-04W	.312	.125	.625-24 UNEF	.969	.957	3.062	4.875	2.438
MS3409DJ 11BXX	MS3406D-10SL-XX	M85049/7-49W	.437	.250	.625-24 UNEF	.969	1.145	3.062	5.812	3.250
MS3409DJ 11DXX	MS3406D-10SL-XX	M85049/7-05W	.375	.250	.625-24 UNEF	.969	1.145	2.438	4.562	2.438
MS3409DJ 12AXX	MS3406D-12-XX	M85049/7-06W	.312	.125	.750-20 UNEF	1.062	.957	3.062	5.000	2.500
MS3409DJ 12BXX	MS3406D-12-XX	M85049/7-71W	.625	.350	.750-20 UNEF	1.062	1.332	2.938	6.188	3.375
MS3409DJ 12DXX	MS3406D-12-XX	M85049/7-08W	.500	.350	.750-20 UNEF	1.062	1.332	3.062	5.125	2.500
MS3409DJ 12EXX	MS3406D-12-XX	M85049/7-07W	.437	.250	.750-20 UNEF	1.062	1.145	3.062	5.062	2.500
MS3409DJ 13AXX	MS3406D-12S-XX	M85049/7-06W	.312	.125	.750-20 UNEF	1.062	.957	3.062	5.000	2.500

* ADD .375 WHEN CONTACT ARRANGEMENT INCLUDES SIZE 8, 4 AND 0 CONTACTS.



MS3409DJ

ASSEMBLY NO.	CONNECTOR RECEPTACLE NO.	BACKSHELL ASSEMBLY NO.	A CABLE ENTRY MAX.	A CABLE ENTRY MIN.	B THREAD CLASS 2B	C MAX.	E MAX.	H MAX.	L * MAX.	Q MAX.
MS3409DJ 13BXX	MS3406D-12S-XX	M85049/7-71W	.625	.350	.750-20 UNEF	1.062	1.332	2.938	6.188	3.375
MS3409DJ 13DXX	MS3406D-12S-XX	M85049/7-08W	.500	.350	.750-20 UNEF	1.062	1.332	3.062	5.125	2.500
MS3409DJ 13EXX	MS3406D-12S-XX	M85049/7-07W	.437	.250	.750-20 UNEF	1.062	1.145	3.062	5.062	2.500
MS3409DJ 14AXX	MS3406D-14-XX	M85049/7-09W	.437	.250	.875-20 UNEF	1.156	1.145	3.188	5.188	2.562
MS3409DJ 14BXX	MS3406D-14-XX	M85049/7-50W	.750	.500	.875-20 UNEF	1.156	1.551	3.500	6.625	3.625
MS3409DJ 14DXX	MS3406D-14-XX	M85049/7-10W	.575	.350	.875-20 UNEF	1.156	1.332	2.812	5.000	2.562
MS3409DJ 14EXX	MS3406D-14-XX	M85049/7-74W	.312	.125	.875-20 UNEF	1.156	.957	3.188	5.125	2.562
MS3409DJ 15AXX	MS3406D-14S-XX	M85049/7-09W	.437	.250	.875-20 UNEF	1.156	1.145	3.188	5.188	2.562
MS3409DJ 15BXX	MS3406D-14S-XX	M85049/7-50W	.750	.500	.875-20 UNEF	1.156	1.551	3.500	6.625	3.625
MS3409DJ 15DXX	MS3406D-14S-XX	M85049/7-10W	.575	.350	.875-20 UNEF	1.156	1.332	2.812	5.000	2.562
MS3409DJ 15EXX	MS3406D-14S-XX	M85049/7-74W	.312	.125	.875-20 UNEF	1.156	.957	3.188	5.125	2.562
MS3409DJ 16AXX	MS3406D-16-XX	M85049/7-12W	.700	.500	1.000-20 UNEF	1.250	1.551	2.938	5.312	2.625
MS3409DJ 16BXX	MS3406D-16-XX	M85049/7-51W	.937	.625	1.000-20 UNEF	1.250	1.770	3.750	6.938	3.688
MS3409DJ 16DXX	MS3406D-16-XX	M85049/7-11W	.437	.250	1.000-20 UNEF	1.250	1.145	3.312	5.375	2.625
MS3409DJ 16EXX	MS3406D-16-XX	M85049/7-40W	.625	.350	1.000-20 UNEF	1.250	1.332	3.312	5.438	2.625
MS3409DJ 17AXX	MS3406D-16S-XX	M85049/7-12W	.700	.500	1.000-20 UNEF	1.250	1.551	2.938	5.312	2.625
MS3409DJ 17BXX	MS3406D-16S-XX	M85049/7-51W	.937	.625	1.000-20 UNEF	1.250	1.770	3.750	6.938	3.688
MS3409DJ 17DXX	MS3406D-16S-XX	M85049/7-11W	.437	.250	1.000-20 UNEF	1.250	1.145	3.312	5.375	2.625
MS3409DJ 17EXX	MS3406D-16S-XX	M85049/7-40W	.625	.350	1.000-20 UNEF	1.250	1.332	3.312	5.438	2.625
MS3409DJ 18AXX	MS3406D-18-XX	M85049/7-13W	.625	.350	1.125-18 UNEF	1.344	1.332	3.500	5.750	2.812
MS3409DJ 18BXX	MS3406D-18-XX	M85049/7-52W	.750	.500	1.125-18 UNEF	1.344	1.551	3.500	5.875	2.812
MS3409DJ 18EXX	MS3406D-18-XX	M85049/7-41W	.312	.125	1.125-18 UNEF	1.344	.957	3.500	5.625	2.812
MS3409DJ 18FXX	MS3406D-18-XX	M85049/7-42W	.437	.250	1.125-18 UNEF	1.344	1.145	3.500	5.688	2.812
MS3409DJ 20AXX	MS3406D-20-XX	M85049/7-15W	.625	.350	1.250-18 UNEF	1.469	1.332	3.500	5.750	2.812
MS3409DJ 20BXX	MS3406D-20-XX	M85049/7-54W	.750	.500	1.250-18 UNEF	1.469	1.551	3.500	5.875	2.812
MS3409DJ 20EXX	MS3406D-20-XX	M85049/7-55W	1.250	.875	1.250-18 UNEF	1.469	2.113	4.000	7.375	2.812
MS3409DJ 20FXX	MS3406D-20-XX	M85049/7-43W	.437	.250	1.250-18 UNEF	1.469	1.145	3.500	5.688	2.812
MS3409DJ 20GXX	MS3406D-20-XX	M85049/7-16W	.904	.625	1.250-18 UNEF	1.469	1.770	3.250	5.750	2.812
MS3409DJ 22AXX	MS3406D-22-XX	M85049/7-56W	.625	.350	1.375-18 UNEF	1.594	1.332	3.625	5.938	2.938
MS3409DJ 22BXX	MS3406D-22-XX	M85049/7-17W	.750	.500	1.375-18 UNEF	1.594	1.551	3.688	6.062	2.938
MS3409DJ 22DXX	MS3406D-22-XX	M85049/7-57W	.937	.625	1.375-18 UNEF	1.594	1.770	3.750	6.188	2.938
MS3409DJ 22EXX	MS3406D-22-XX	M85049/7-58W	1.250	.875	1.375-18 UNEF	1.594	2.113	4.000	7.375	3.812
MS3409DJ 22FXX	MS3406D-22-XX	M85049/7-44W	.312	.125	1.375-18 UNEF	1.594	.957	3.625	5.812	2.938
MS3409DJ 22GXX	MS3406D-22-XX	M85049/7-45W	.437	.250	1.375-18 UNEF	1.594	1.145	3.625	5.875	2.938

* ADD .375 WHEN CONTACT ARRANGEMENT INCLUDES SIZE 8, 4 AND 0 CONTACTS.



MS3409DJ

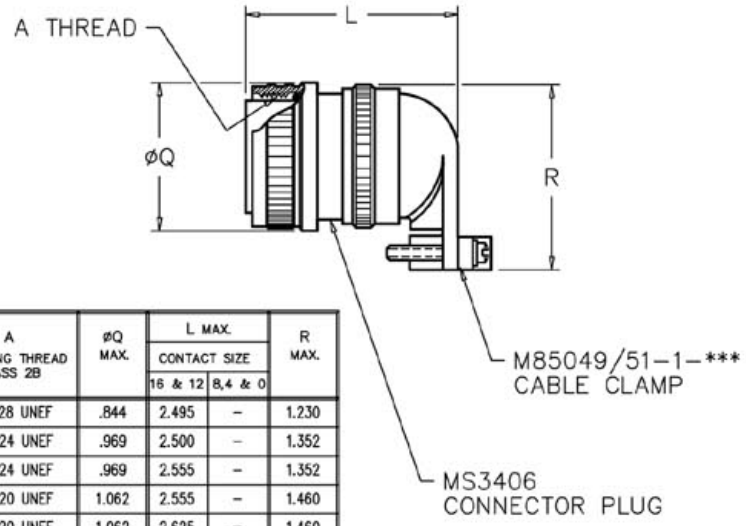
ASSEMBLY NO.	CONNECTOR RECEPTACLE NO.	BACKSHELL ASSEMBLY NO.	A CABLE ENTRY MAX.	A CABLE ENTRY MIN.	B THREAD CLASS 2B	C MAX.	E MAX.	H MAX.	L * MAX.	Q MAX.
MS3409DJ 22HXX	MS3406D -22-XX	M85049/7 -18W	1.029	.875	1.375-18 UNEF	1.594	2.113	3.625	6.250	2.938
MS3409DJ 24AXX	MS3406D -24-XX	M85049/7 -19W	.750	.500	1.500-18 UNEF	1.719	1.551	3.688	6.062	2.938
MS3409DJ 24DXX	MS3406D -24-XX	M85049/7 -59W	.937	.625	1.500-18 UNEF	1.719	1.770	3.750	6.188	2.938
MS3409DJ 24EXX	MS3406D -24-XX	M85049/7 -73W	1.250	.875	1.500-18 UNEF	1.719	2.113	4.000	7.375	3.812
MS3409DJ 24FXX	MS3406D -24-XX	M85049/7 -46W	.625	.350	1.500-18 UNEF	1.719	1.332	3.625	5.938	2.938
MS3409DJ 24GXX	MS3406D -24-XX	M85049/7 -20W	1.144	.875	1.500-18 UNEF	1.719	2.113	3.625	6.250	2.938
MS3409DJ 28AXX	MS3406D -28-XX	M85049/7 -60W	.750	.500	1.750-18 UNS	1.969	1.551	3.688	6.250	3.062
MS3409DJ 28BXX	MS3406D -28-XX	M85049/7 -21W	.937	.625	1.750-18 UNS	1.969	1.770	3.812	6.375	3.062
MS3409DJ 28DXX	MS3406D -28-XX	M85049/7 -61W	1.250	.875	1.750-18 UNS	1.969	2.113	4.000	6.625	3.062
MS3409DJ 28EXX	MS3406D -28-XX	M85049/7 -22W	1.375	1.000	1.750-18 UNS	1.969	2.363	3.812	6.562	3.062
MS3409DJ 32AXX	MS3406D -32-XX	M85049/7 -23W	.937	.625	2.000-18 UNS	2.219	1.770	3.938	6.500	3.125
MS3409DJ 32BXX	MS3406D -32-XX	M85049/7 -24W	1.250	.875	2.000-18 UNS	2.219	2.113	4.125	6.750	3.125
MS3409DJ 32DXX	MS3406D -32-XX	M85049/7 -62W	1.375	1.000	2.000-18 UNS	2.219	2.363	4.250	6.938	3.125
MS3409DJ 32EXX	MS3406D -32-XX	M85049/7 -25W	1.625	1.250	2.000-18 UNS	2.219	2.770	4.188	7.062	3.125
MS3409DJ 36AXX	MS3406D -36-XX	M85049/7 -63W	1.250	.875	2.250-16 UN	2.469	2.113	4.250	6.875	3.125
MS3409DJ 36BXX	MS3406D -36-XX	M85049/7 -27W	1.375	1.000	2.250-16 UN	2.469	2.363	4.375	7.062	3.125
MS3409DJ 36DXX	MS3406D -36-XX	M85049/7 -64W	1.625	1.250	2.250-16 UN	2.469	2.770	4.625	7.375	3.125
MS3409DJ 36EXX	MS3406D -36-XX	M85049/7 -28W	1.840	1.437	2.250-16 UN	2.469	3.020	4.312	7.250	3.125
MS3409DJ 36FXX	MS3406D -36-XX	M85049/7 -47W	.750	.500	2.250-16 UN	2.469	1.551	3.875	6.438	3.125
MS3409DJ 36GXX	MS3406D -36-XX	M85049/7 -26W	.937	.625	2.250-16 UN	2.469	1.770	4.000	6.625	3.125
MS3409DJ 40AXX	MS3406D -40-XX	M85049/7 -65W	1.250	.875	2.500-16 UN	2.719	2.113	4.250	7.625	3.875
MS3409DJ 40BXX	MS3406D -40-XX	M85049/7 -30W	1.375	1.000	2.500-16 UN	2.719	2.363	4.375	7.812	3.875
MS3409DJ 40DXX	MS3406D -40-XX	M85049/7 -66W	1.625	1.250	2.500-16 UN	2.719	2.770	4.625	8.125	3.875
MS3409DJ 40EXX	MS3406D -40-XX	M85049/7 -31W	1.840	1.437	2.500-16 UN	2.719	3.020	4.312	8.000	3.875
MS3409DJ 40FXX	MS3406D -40-XX	M85049/7 -48W	.750	.500	2.500-16 UN	2.719	1.551	3.875	7.188	3.125
MS3409DJ 44AXX	MS3406D -44-XX	M85049/7 -67W	1.250	.875	2.750-16 UN	2.969	2.113	4.250	7.625	3.875
MS3409DJ 44BXX	MS3406D -44-XX	M85049/7 -33W	1.375	1.000	2.750-16 UN	2.969	2.363	4.375	7.812	3.875
MS3409DJ 44DXX	MS3406D -44-XX	M85049/7 -68W	1.625	1.250	2.750-16 UN	2.969	2.770	4.625	8.125	3.875
MS3409DJ 44EXX	MS3406D -44-XX	M85049/7 -34W	1.840	1.437	2.750-16 UN	2.969	3.020	4.312	8.000	3.875
MS3409DJ 44FXX	MS3406D -44-XX	M85049/7 -32W	.937	.625	2.750-16 UN	2.969	1.770	4.000	7.375	3.875
MS3409DJ 48AXX	MS3406D -48-XX	M85049/7 -69W	1.250	.875	3.000-16 UN	3.219	2.113	4.250	7.625	3.875
MS3409DJ 48BXX	MS3406D -48-XX	M85049/7 -36W	1.375	1.000	3.000-16 UN	3.219	2.363	4.375	7.812	3.875
MS3409DJ 48DXX	MS3406D -48-XX	M85049/7 -70W	1.625	1.250	3.000-16 UN	3.219	2.770	4.625	8.125	3.875
MS3409DJ 48EXX	MS3406D -48-XX	M85049/7 -37W	1.840	1.437	3.000-16 UN	3.219	3.020	4.312	8.000	3.875

* ADD .375 WHEN CONTACT ARRANGEMENT INCLUDES SIZE 8, 4 AND 0 CONTACTS.



MS3408D

90 PLUG CABLE CLAMP ASSEMBLY

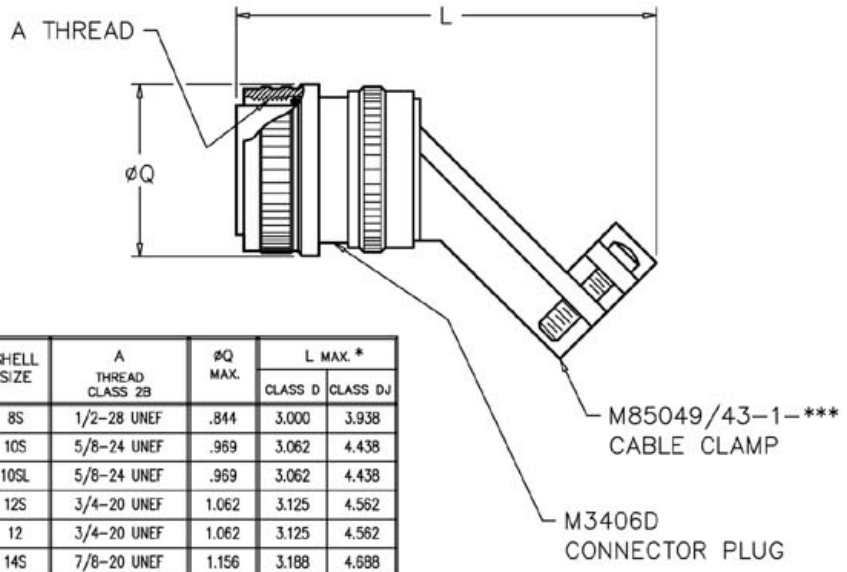


SHELL SIZE	A COUPLING THREAD CLASS 2B	ØQ MAX.	L MAX.		R MAX.
			CONTACT SIZE		
			16 & 12	8,4 & 0	
8S	1/2-28 UNEF	.844	2.495	–	1.230
10S	5/8-24 UNEF	.969	2.500	–	1.352
10SL	5/8-24 UNEF	.969	2.555	–	1.352
12S	3/4-20 UNEF	1.062	2.555	–	1.460
12	3/4-20 UNEF	1.062	2.625	–	1.460
14S	7/8-20 UNEF	1.156	2.615	–	1.570
14	7/8-20 UNEF	1.156	2.685	–	1.570
16S	1-20 UNEF	1.250	2.695	–	1.681
16	1-20 UNEF	1.250	2.765	3.165	1.681
18	1 1/8-18 UNEF	1.344	2.810	3.210	1.905
20	1 1/4-18 UNEF	1.469	2.875	3.275	2.031
22	1 3/8-18 UNEF	1.594	2.935	3.335	2.155
24	1 1/2-18 UNEF	1.719	2.995	3.395	2.280
28	1 3/4-18 UNS	1.969	3.160	3.560	2.619
32	2-18 UNS	2.219	3.250	3.650	2.969
36	2 1/4-16 UN	2.469	3.375	3.775	3.219
40	2 1/2-16 UN	2.719	3.510	3.910	3.469
44	2 3/4-16 UN	2.969	3.635	4.035	3.843
48	3-16 UN	3.219	3.760	4.160	4.093



MS3409D

45 PLUG CABLE CLAMP ASSEMBLY

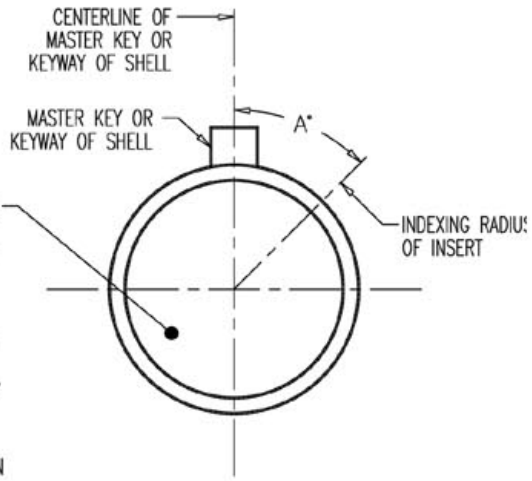


SHELL SIZE	A THREAD CLASS 2B	ØQ MAX.	L MAX. *	
			CLASS D	CLASS DJ
8S	1/2-28 UNEF	.844	3.000	3.938
10S	5/8-24 UNEF	.969	3.062	4.438
10SL	5/8-24 UNEF	.969	3.062	4.438
12S	3/4-20 UNEF	1.062	3.125	4.562
12	3/4-20 UNEF	1.062	3.125	4.562
14S	7/8-20 UNEF	1.156	3.188	4.688
14	7/8-20 UNEF	1.156	3.188	4.688
16S	1-20 UNEF	1.250	3.250	6.125
16	1-20 UNEF	1.250	3.250	6.125
18	1 1/8-18 UNEF	1.344	3.375	5.188
20	1 1/4-18 UNEF	1.469	3.438	5.188
22	1 3/8-18 UNEF	1.594	3.500	5.375
24	1 1/2-18 UNEF	1.719	3.500	5.375
28	1 3/4-18 UNS	1.969	3.625	5.625
32	2-18 UNS	2.219	3.750	5.938
36	2 1/4-16 UN	2.469	3.812	6.062
40	2 1/2-16 UN	2.719	3.812	6.812
44	2 3/4-16 UN	2.969	4.062	6.812
48	3-16 UN	3.219	4.125	6.812

POLARIZATION

NORMAL POSITION :

THE CENTERLINE OF THE FACE VIEW OF THE INSERT PATTERN (SEE INSERT PATTERN LAYOUT CHART) IS ALIGNED WITH THE SHELL KEY ON THE PLUG AND KEYWAY ON THE RECEPTACLE. THEREFORE, ANGLE A ON THE OPPOSITE DRAWING WOULD BE AT ZERO DEGREES.



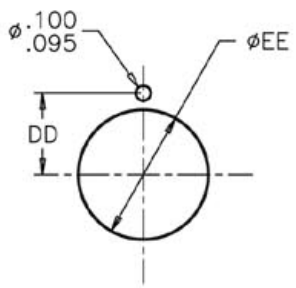
ALTERNATE POSITIONS :

THE CENTERLINE OF THE FACE VEIW OF THE INSERT PATTERN (SEE INSERT PATTERN LAYOUT CHART) IS ROTATED IN RELATIONSHIP TO THE SHELL KEY ON THE PLUG AND KEYWAY ON THE RECEPTACLE. PIN INSERTS ARE ROTATED CLOCKWISE AND SOCKET INSERTS ARE ROTATED COUNTERCLOCKWISE. THEREFORE, A 12S-3 PIN INSERT LAYOUT IN THE W POSITION WOULD HAVE AN ANGLE A (ON THE OPPOSITE DRAWING) OF 70 DEGREES.

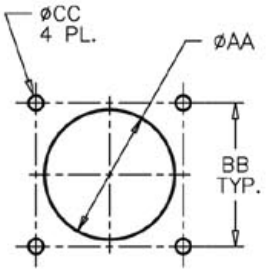


PANEL MOUNTING DIMENSIONS FOR RECEPTACLE CONNECTORS

MS3400, MS3402, MS3404, MS3412



MS3404
(ALL CLASSES)



MS3400, MS3402, MS3412
(ALL CLASSES)

SHELL SIZE	PANEL THICKNESS		MOUNTING DIMENSIONS					
	MS3404	MS3400 MS3402 MS3412 MAX.	øAA ±.020	BB ±.005	øCC +.010 −.005 CLASS D,DS,L,U,W	øCC +.010 −.005 CLASS KS,KT	DD ±.005	øEE +.005 −.010
10S	.140/.090	.187	.655	.719	.120	.150	.385	.640
10SL	.140/.090	.187	.655	.719	.120	.150	.385	.640
12S	.140/.090	.187	.780	.812	.120	.150	.448	.765
12	.140/.090	.125	.780	.812	.120	.150	.448	.765
14S	.140/.090	.187	.905	.906	.120	.150	.510	.890
14	.140/.090	.125	.905	.906	.120	.150	.510	.890
16S	.140/.090	.187	1.030	.969	.120	.150	.573	1.015
16	.140/.090	.125	1.030	.969	.120	.150	.573	1.015
18	.140/.090	.125	1.155	1.062	.120	.177	.635	1.140
20	.140/.090	.125	1.280	1.156	.120	.177	.698	1.265
22	.140/.090	.125	1.405	1.250	.120	.177	.760	1.390
24	.140/.090	.187	1.530	1.375	.147	.177	.823	1.515
28	.140/.090	.187	1.780	1.562	.147	.177	.948	1.765
32	.140/.090	.250	2.030	1.750	.173	.209	1.073	2.015
36	.140/.110	.250	2.280	1.938	.173	.209	1.198	2.265
40	.140/.110	.250	2.530	2.188	.173	.209	1.323	2.515
44	.140/.110	.250	2.780	2.375	.173	.209	1.448	2.765
48	.140/.110	.250	3.030	2.625	.173	.209	1.573	3.015

DIMENSIONS SUBJECT TO CHANGE WITHOUT NOTICE. DIMENSIONS IN INCHES

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