

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

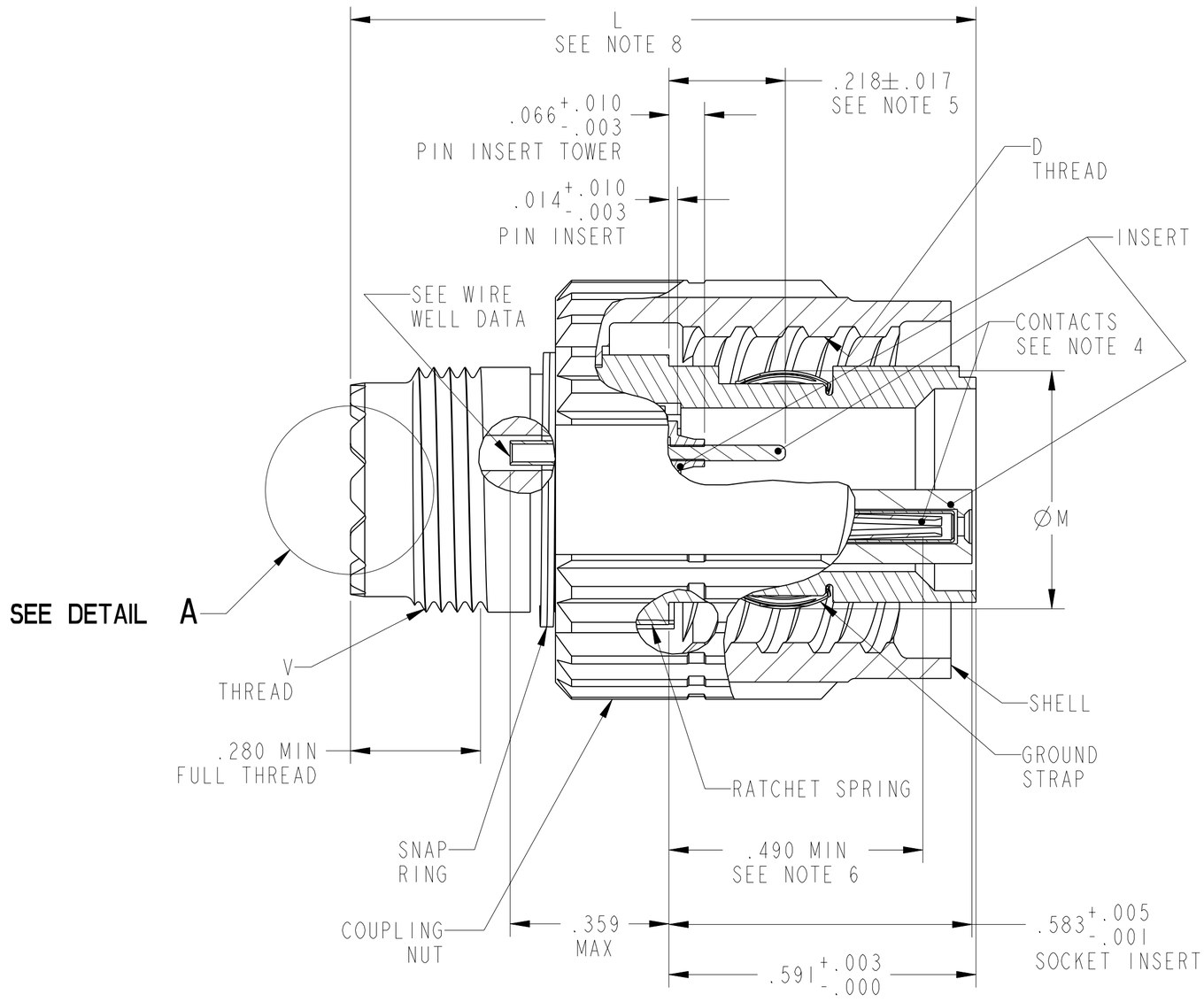
Expert team | Trust guarantee | 100% satisfaction

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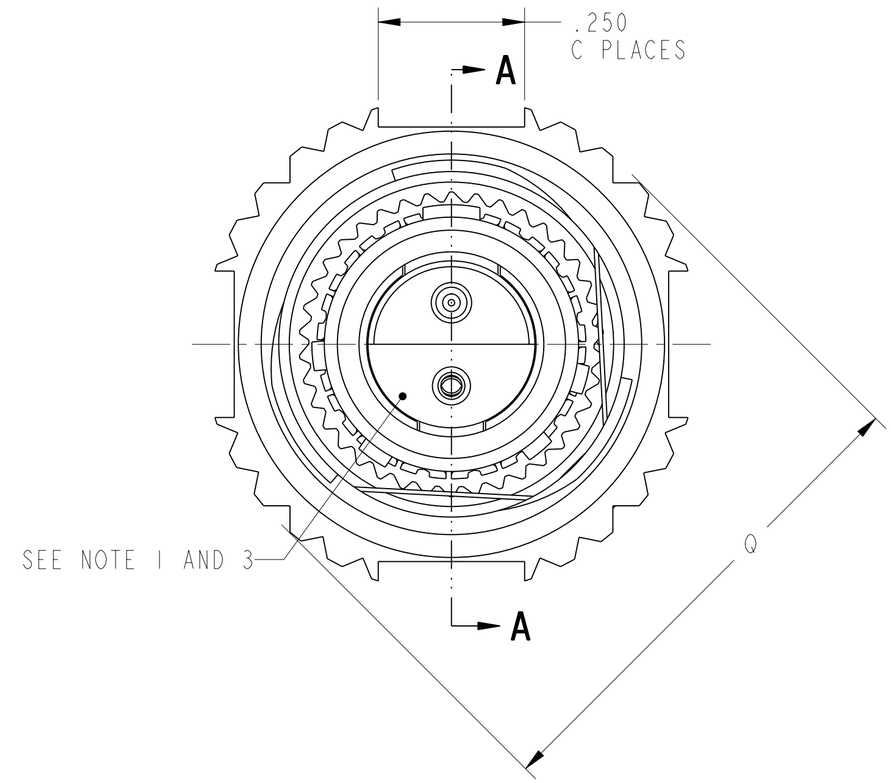
REVISIONS		
LTR	DESCRIPTION	DATE
	SEE RECORD DRAWING FOR REV'S L-R	
T	(CL 11) REDRAWN ECN: 94635	8/9/08
U	(CL 11) SEE CHANGE NOTICE ECN: C6191	HKYAW 12/08/17

DOCUMENT NO. 10-536194-DS | SHEET 1 OF 2 | REV. U



SECTION A-A

TYPE I



NOTES: SEE SHEET 2

THE USE OF THIS DOCUMENT IS UNLIMITED. HOWEVER, DOCUMENTS REFERENCED HEREON MAY CONTAIN LIMITED RIGHTS DATA.

PRO/ENGINEER INFORMATION	
N/A	Pro/e Model Used:
N/A	DA-536194-DS.ASSEM
NEXT ASSEMBLY	Drawing Name: 10-536194-DS

UNLESS OTHERWISE SPECIFIED

LINEAR DIMENSIONS ARE IN INCHES
TOLERANCES:
.XXXX = ±.0005 ANGLES= ±2°
.XXX = ±.010
.XX = ±.03
.X = ±.1

DIM.& TOL. PER ASME Y14.5M;
DRM PER MIL-DTL-31000;
OTHER Amphenol Stds. PER 9-3800

LEGENDS:
=FLAG NOTE CALL OUT
REFERENCE ONLY

SPECIFICATIONS

MATERIAL SPEC.
N/A

PROCESS SPEC.
9-7543,
9-3200-2

POS	QTY	PART NUMBER	DESCRIPTION	NOTE
PARTS LIST				

APPROVALS		DATE
PREPARED BY	D. ALGER	9-Aug-08
ENGINEER IN CHARGE	D. FREAR	
DESIGN MANAGER	E. SHEPLER	
DESIGN ACTIVITY GROUP	MILAERO	

THIRD ANGLE PROJECTION

AMPHENOL CORPORATION
40-60 DELAWARE AVENUE
SIDNEY, N.Y. 13838

CONNECTOR, ELECTRICAL PLUG, TYPE TV-R, ILLUSTRATION AND DIMENSIONAL DATA — U

SIZE	CAGE CODE	DOCUMENT NO.	REV.
C	77820	10-536194-DS	U

SCALE: 5.0 REF: 91-538240/49 SHEET 1 OF 2

DOCUMENT NO. 10-536194-DS | SHEET 1 OF 2 | REV. U

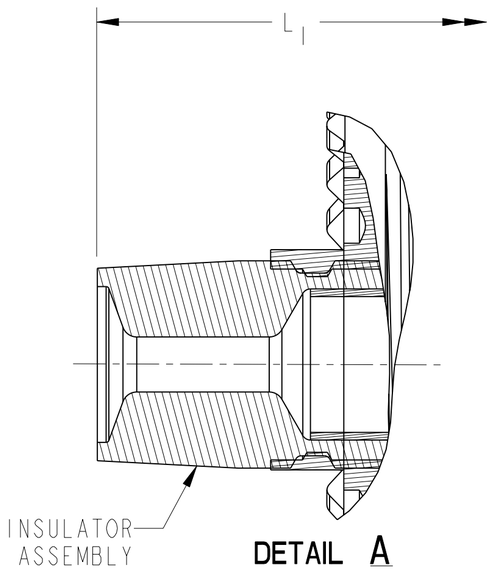
FORMAT: C-U.E-Rev.B

IMAGED / Apr. 30 2019, 1:29:25 PM

SHELL SIZE	ØA MAX	ØB	C MIN	D THREAD MODIFIED PER 9-3200-2 SIZE CLASS 2B	D THREAD MODIFIED PER 9-3200-2 MOD MINOR DIA.	L MAX	L1 MAX	L2 MAX	ØM MIN. OVER TINES	ØQ MAX	V THREAD PER 9-7543
7	NOT AVAILABLE										
9	.625	.444	4	.6250-0.1P-0.3L-TS	.5892-.5842				.449	.859	M12X1-6g0.100R
11	.750	.558	4	.7500-0.1P-0.3L-TS	.7142-.7092				.577	.969	M15X1-6g0.100R
13	.875	.683	4	.8750-0.1P-0.3L-TS	.8392-.8342				.694	1.141	M18X1-6g0.100R
15	1.000	.808	4	1.0000-0.1P-0.3L-TS	.9642-.9592				.819	1.266	M22X1-6g0.100R
17	1.125	.909	4	1.1875-0.1P-0.3L-TS	1.1394-1.1344	1.234	1.656	1.438	.944	1.391	M25X1-6g0.100R
19	1.250	1.034	4	1.2500-0.1P-0.3L-TS	1.2020-1.1970				1.049	1.500	M28X1-6g0.100R
21	1.375	1.159	4	1.3750-0.1P-0.3L-TS	1.3270-1.3220				1.174	1.625	M31X1-6g0.100R
23	1.500	1.284	4	1.5000-0.1P-0.3L-TS	1.4520-1.4470				1.299	1.750	M34X1-6g0.100R
25	1.625	1.409	4	1.6250-0.1P-0.3L-TS	1.5770-1.5720				1.424	1.875	M37X1-6g0.100R

WIRE WELL DATA

	CONTACT SIZE	22M	22D	22	20	16	12
COAXIAL DATA	WIRE WELL DIA.	.028 ±.001	.0345±.0010	.0365±.0010	.047±.001	.067±.001	.100±.002
SEE NOTE 1	WIRE WELL DEPTH	$.141^{+.016}_{-.000}$	$.141^{+.016}_{-.000}$	$.141^{+.016}_{-.000}$	$.209^{+.020}_{-.000}$	$.209^{+.020}_{-.000}$	$.209^{+.020}_{-.000}$



DETAIL A
ENLARGED
FOR COAXIAL ONLY

8. FOR 25-20 ARRANGEMENT INDICATED DIMENSION TO BE 1.275 MAX. FOR 25-11, INDICATED DIMENSION TO BE 1.435 MAX.

7. ILLUSTRATION AND DIMENSIONAL DATA, NOT TO BE USED AS A PART NUMBER.

6. DISTANCE FROM SHOULDER OF SHELL TO THE POINT AT WHICH A GAGE PIN HAVING THE SAME BASIC DIAMETER AS THE MATING CONTACT AND A SQUARE FACE, ENGAGES SOCKET CONTACT SPRING.

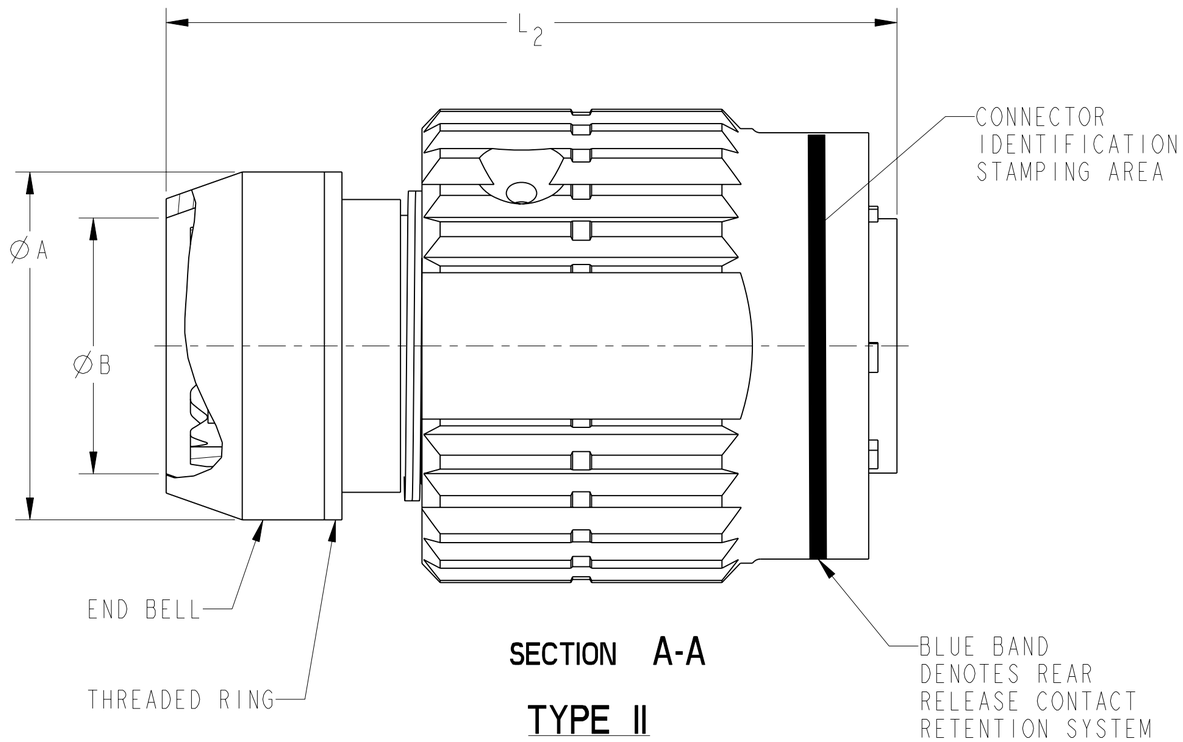
5. FOR SIZE 8 COAX, DIMENSION IS .438 ±.025.

4. FOR FINAL INSTALLATION, CONTACTS MUST BE ASSEMBLED INTO ALL INSERT HOLES. ALL UNUSED GROMMET HOLES MUST BE FILLED WITH THE APPROPRIATE SIZE SEALING PLUG 10-405996 (MS27488).

3. INSERT ASSEMBLY IS NOT REMOVABLE.

2. REMOVED NOTE ON ECN C6191.

1. FOR CONTACT ARRANGEMENT PATTERN, SEE DRAWINGS L-15206-() THRU L-15250-(). ALTERNATE POSITIONS THEREON DO NOT APPLY.



SECTION A-A

TYPE II

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SIZE	CAGE CODE	DOCUMENT NO.	REV.
C	77820	10-536194-DS	U
SCALE: 2.0	REF: 91-538240/49	SHEET 2 OF 2	

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10-536194-DS SHEET 2 OF 2 REV. U
DOCUMENT NO. 10-536194-DS SHEET 2 OF 2 REV. U

FORMAT: C-U.E-Rev.B

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

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