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53A-743 CHAINING CABLE

SERVICE MANUAL

BFGoodrich
Aerospace

JcAIR Test Systems

WARRANTY

BFGoodrich Aerospace JcAir Test Systems (TSD) warrants its CDSbus products (hardware and firmware) against defects in materials and workmanship, and are warranted to meet the performance specifications as listed in the current catalog and/or data sheet for the specific product being warranted. This warranty applies for three (3) years following the date of shipment. TSD will, at its option, repair or replace, at no cost to the customer, products which prove to be defective during the warranty period, provided the defect or failure is not due to misuse or abuse of the product. The customer is responsible for shipment of the defective product to the TSD factory. Software products are supplied on a site license basis subject to the same performance warranty provisions; the materials and distribution provision applies to the distribution media only. NO OTHER WARRANTY IS EXPRESSED OR IMPLIED, INCLUDING WARRANTY FOR FITNESS OF PURPOSE. TSD SHALL, IN NO CASE, BE LIABLE FOR CONSEQUENTIAL DAMAGES.

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http:\\www.jcair.com

7/8/98

JcAIR INC.

NAME: CABLE CHAINING ASSY NO: 53A-743

REVISION: 01 DATE: 08/18/97

ITEM/ SYMBOL	JcAIR P/N	DESCRIPTION	U/M	QTY	MFG	MFG'S P/N
1	53A-780	HOODED CONNECTOR -02018	EA	2.00	JcAIR	53A-780
2	40430-00015	CABLE TIE FINISHED CABLE	EA	3.00	DENNISON	TY244M
					PANDUIT CORP.	PLT4S-M
3	46000-00011	CABLE 24 TWST PAIR 28AWG W-OVERALL SHLD	FT	17.00	NATIONAL WIRE &	S10-1959
4	90000-21004	WIRE HOOK-UP 22AWG GRN STRANDED PVC	FT	0.40	ALPHA WIRE CORP	3251-4
					BELDEN CORP.	9983-5
					STORM PRODUCTS	1061-22730-5
REF0	53A-743	CABLE CHAINING	EA	-		

53A-743 DATA CABLE

SIGNAL NAME	CABLE J1 and J2	WIRE
	1	Black
	A*	White
	2	Brown
	B*	White
	3	Red
	C*	White
	4	Orange
	D*	White
	5	Yellow
	E*	White
	6	Green
	F*	White
	7	Blue
	H*	White
	8	Violet
	J*	White
	9	Gray
	K*	White
	10	Brown
	L*	Black
	11	Red
	M*	Black
	12	Orange
	N*	Black
	13	Yellow
	P*	Black
	14	Green
	R*	Black
	15	Blue
	S*	Black
	16	Violet
	T*	Black
	17	Gray
	U*	Black
	18	Red
	V*	Brown
	19	Orange
	W*	Brown
	20	Yellow
	X*	Brown
	21	Green
	Y*	Brown
	22	Blue
	Z*	Brown
	23	Violet
	AA*	Brown
	24	Shield
	BB	Gray & Brown

*Note: typically used as ground of twisted pair.

Both ends of this cable are the same. Connect one end to the 53A-123 and the other end to the 53A-145, or 146.

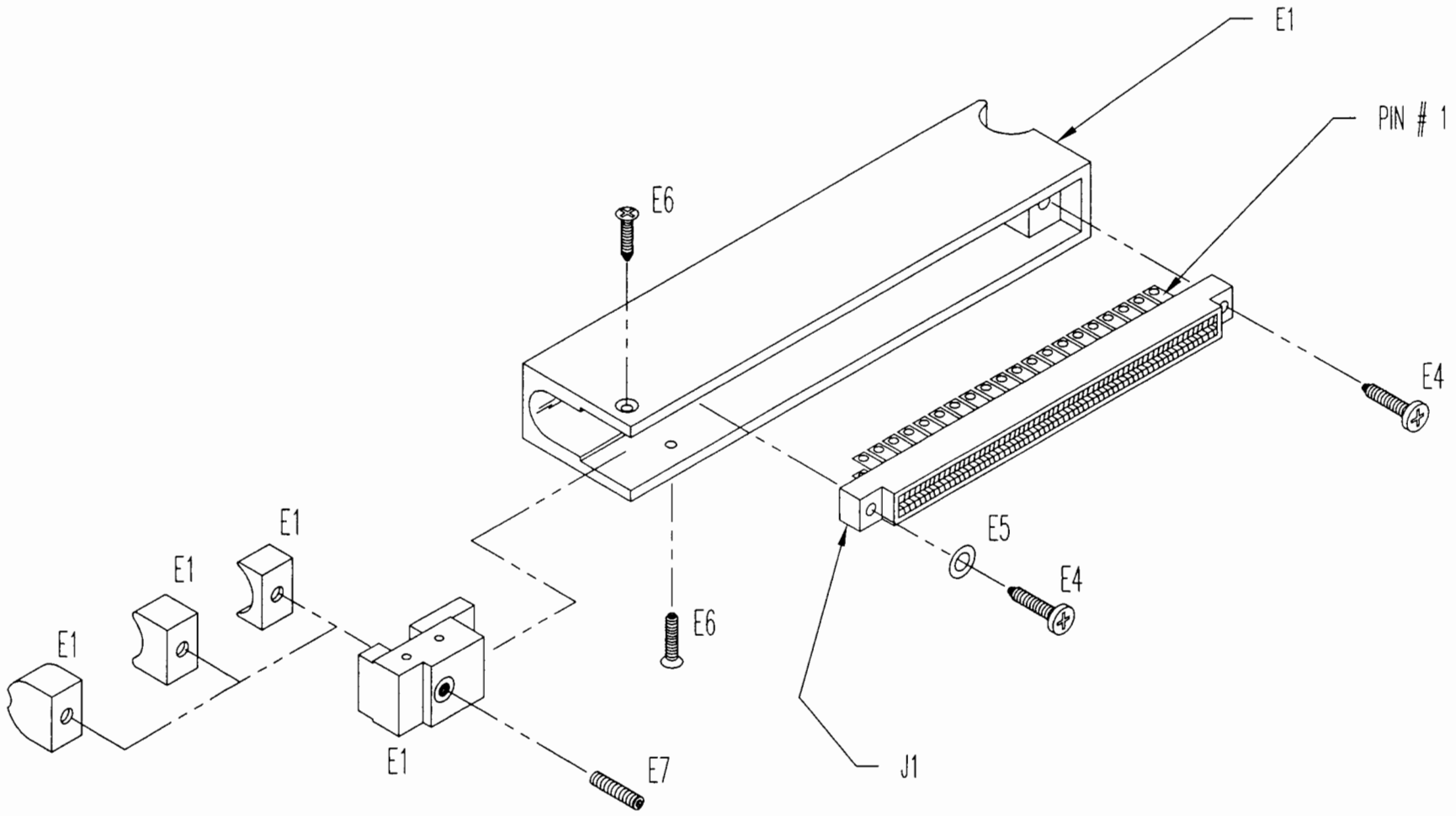
JcAIR INC.

NAME: HOODED CONNECTOR -02018 ASSY NO: 53A-780

REVISION: 00 DATE: 02/20/95

ITEM/ SYMBOL	JcAIR P/N	DESCRIPTION	U/M	QTY	MFG	MFG'S P/N
E1	40420-00001	CONNECTOR HOOD ASSEMBLY 00678 8908	EA	1.00	ENG SOL TESCO	40420-00001
E4	92302-00412	SCREW PHIL PAN 4X.5 PLASTITE ZINC	EA	2.00	A & I BOLT & NU	4X.5 POS PAN PLAST ZP
					CSID/INTEGRATED	4X.5 POS PAN PLAST ZP
E5	92300-07164	WASHER NYLON NUMBER 4 THICK	EA	1.00	BOKERS, INC.	WASHER .120ID .250OD .062T NYL
E6	92302-00438	SCREW PHIL FLHD 4X.375 TYPE AB SELFTAP 8	EA	2.00	A & I BOLT & NU	4X.375 PH FLTHD
					CSID/INTEGRATED	4X.375 PH FLTHD
E7	92306-76632	SCREW SET 6-32 X .5 CUP PNT ZINC	EA	1.00	A & I BOLT & NU	6-32X.5 SET SCREW
					CSID/INTEGRATED	6-32X.5 SET SCREW
J1	45001-48125	CONNECTOR 48 PIN 1	EA	1.00	SULLINS ELECS C	RSM24DREH-S342
REF1	00000-02018	HOODED CONNECTOR 53A-78X 9633	EA	-		

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED



53A-78X	53A-78X
NEXT ASS'Y	TOP BILL
UNIT 53A-78X	

DIMENSIONS ARE IN INCHES
TOLERANCES ARE:
DECIMALS: .XX ±.01 .XXX ±.005
FRACTIONS: ± 1/64
ANGLES: ± 1/2°

MATERIAL: –

FINISH: –

BFGOODRICH AEROSPACE PROPRIETARY INFORMATION

APPROVALS	DATE
DRAWN BRENDA	4/96
ENG.	
ISSUED	

FILE NAME 02018.DWG

BFGoodrich Aerospace
JcAIR Test Systems

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53A-78X HOODED CONNECTOR

SIZE	CAGE NO.	DWG. NO.	REV.
A	41364	00000-02018	9633

SHEET 1 of 1

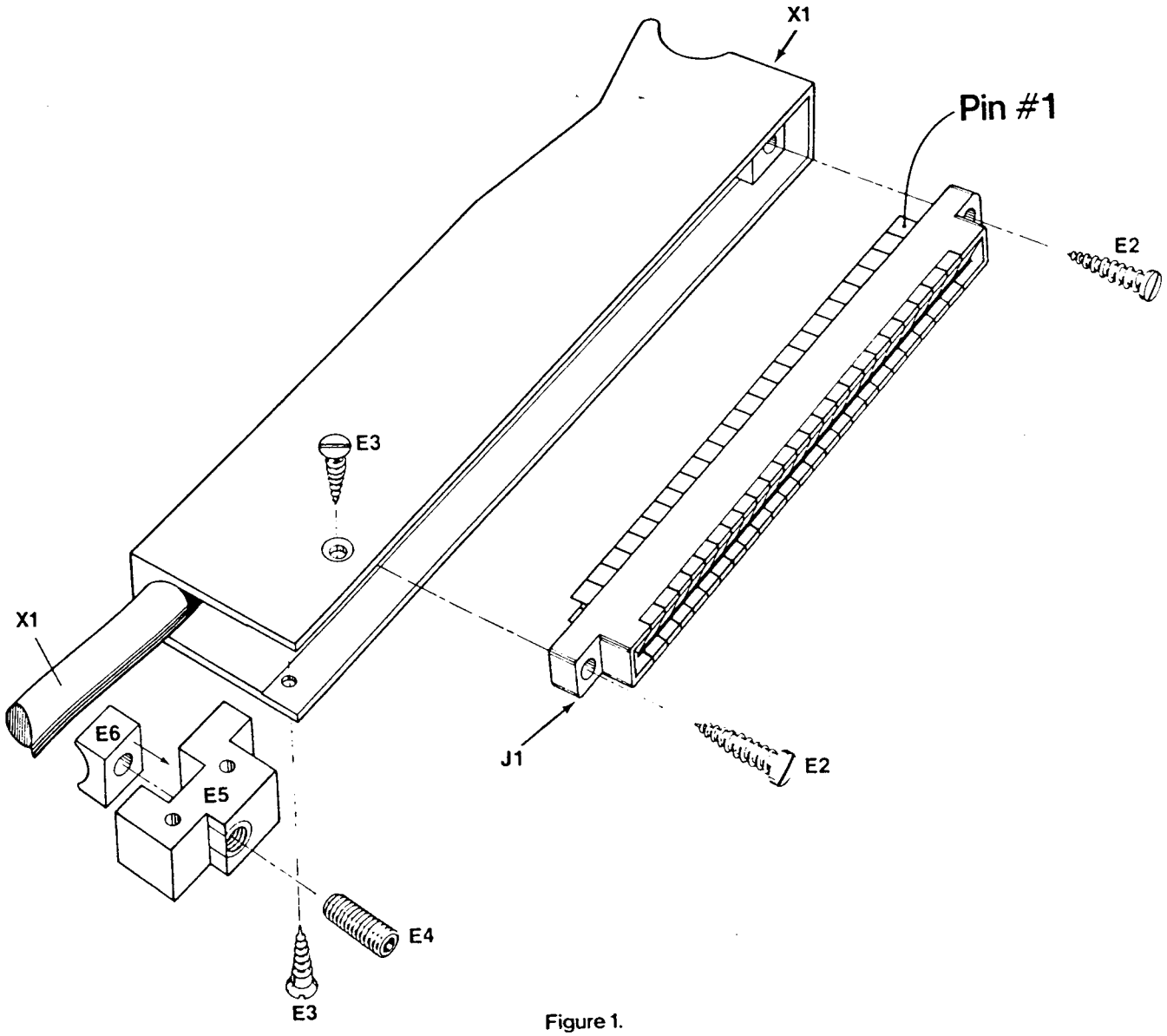


Figure 1.

53A-743 DATA CABLE

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