

TABLE I

SHELL SIZE	A THREAD ISO METRIC	B MAX	C MAX	D MAX	E MAX	F FLATS		MAX ENTRY
						MAX	MIN	
09	M12 X 1.0 - 6H	.812	1.995	1.03	1.339	1.405	.750	.736
11	M15 X 1.0 - 6H	.938	2.055	1.10	1.465	1.435	.875	.860
13	M18 X 1.0 - 6H	1.125	2.125	1.16	1.589	1.465	1.000	.980
15	M22 X 1.0 - 6H	1.250	2.185	1.22	1.715	1.485	1.125	1.100
17	M25 X 1.0 - 6H	1.375	2.245	1.31	1.901	1.515	1.250	1.224
19	M28 X 1.0 - 6H	1.500	2.265	1.37	2.025	1.535	1.375	1.348
21	M31 X 1.0 - 6H	1.625	2.405	1.37	2.025	1.565	1.500	1.469
23	M34 X 1.0 - 6H	1.750	2.435	1.44	2.152	1.595	1.625	1.581
25	M37 X 1.0 - 6H	1.875	2.495	1.56	2.403	1.615	1.750	1.690

TABLE II

DASH NO	H REF	J REF
04	.63	.47
08	.87	.71
12	1.17	1.01
16	1.42	1.26
20	1.73	1.57

TABLE III

FINISH DESCRIPTION	
SYM	ELECTROLESS NICKEL
XM	CADMIUM OLIVE DRAB OVER
XW	ELECTROLESS NICKEL

NOTES:

1. ASSEMBLY IDENTIFIED WITH MANUFACTURER'S NAME AND P/N, SPACE PERMITTING.
2. FOR EFFECTIVE GROUNDING, CONNECTOR WITH CONDUCTIVE FINISH SHOULD BE USED.
3. GLENAIR 600 SERIES BACKSHELL ASSEMBLY TOOLS ARE RECOMMENDED FOR ASSEMBLY AND INSTALLATION.
4. SEE 687-442 FOR FIBER GROMMET.
5. MATERIAL/FINISH:
ADAPTER & ELBOWS - HI-GRADE ENGINEERING THERMOPLASTIC/SEE TABLE III
COUPLING NUT & ANTI-DECOUPLING DEVICE - HI-GRADE ENGINEERING THERMOPLASTIC/NA

REVISIONS

SYM.	DESCRIPTION	DATE	APPROVED
SEE SHEET 1			

PART NUMBER DEVELOPMENT

EXAMPLE: 447 H E 770 XM 19 04 - 4

PRODUCT SERIES

CONNECTOR DESIGNATOR,

H = MIL-C-38999 SER. III & IV

ANGULAR FUNCTION

SYM E = 90°

SYM F = 45°

SYM S = STRAIGHT

BASIC NO

FINISH SYM, TABLE III

SHELL SIZE, TABLE I

DASH NO, TABLE II

LENGTH IN 1/2 INCH INCREMENTS

(e.g. 4 = 2.0 INCHES)

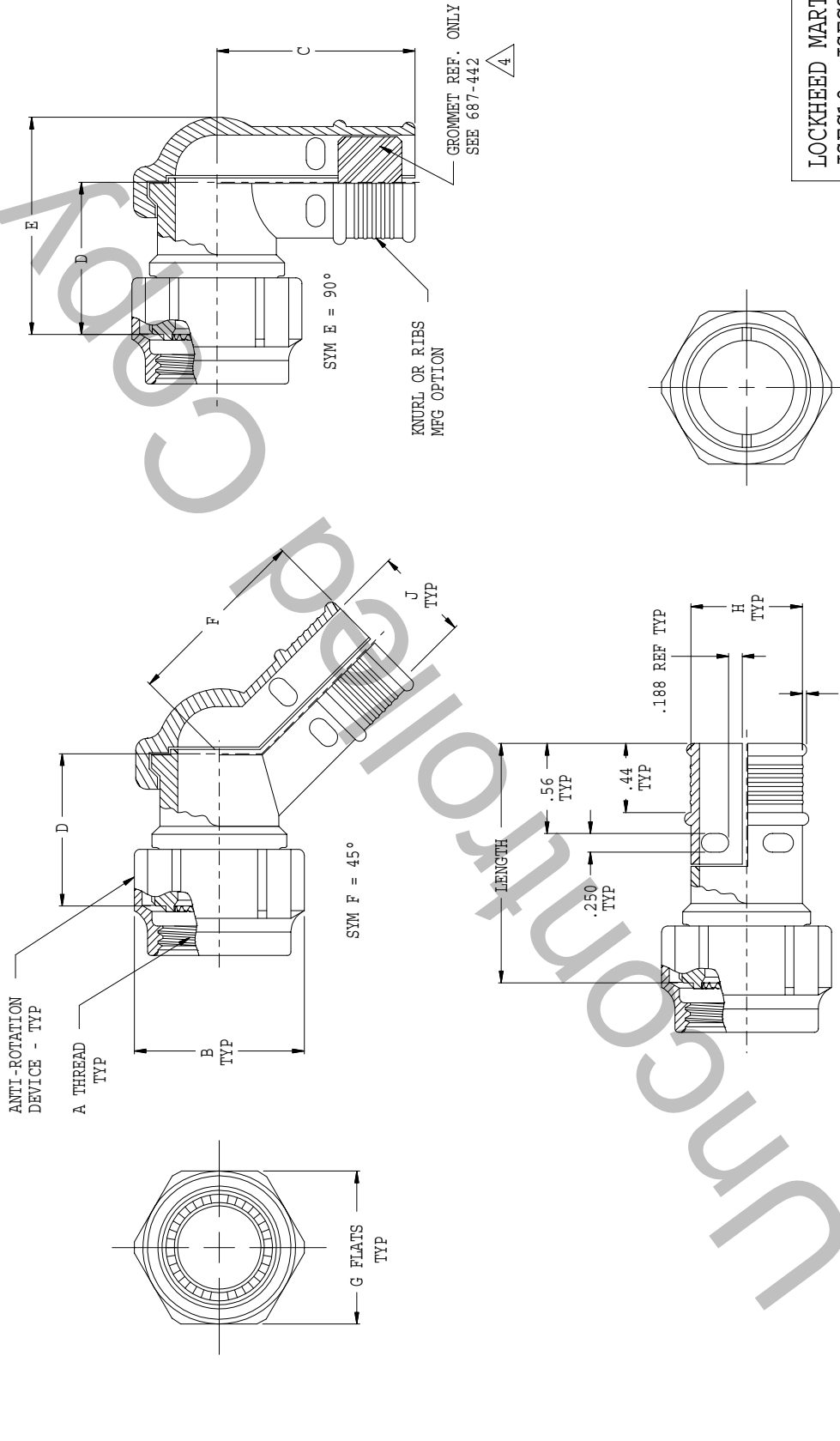
MIN. LENGTH 1.50 INCHES.

APPLIES TO SYM S, STRAIGHT, ONLY.

LOCKHEED MARTIN
JSFC19, JSFC20 &
JSFC21

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONS ± 1/16 DECIMALS .XX ±.03 .XXX ±.015 ANGLES ± 2° DO NOT SCALE THIS DRAWING B/F 03-2537 P/C 447H*	DRAWN T.L.E CHECK P.OAKES ENGR R.PAINTER	04/16/03 04/16/03 04/16/03	GLENAIR, INC. 1211 AIR WAY - GLENDALE - CALIFORNIA 91201		CAD 2003
	<i>R. P. Oakes</i> APPROVED		COMPOSITE BACKSHELL, SPLIT, RTI/EMI FOR MIL-C-38999 SERIES III & IV CONNECTORS		
		RELEASE DATE 04/16/03	CODE IDENT. NO. 06324	SIZE C 447H*770	REV. 4
		NON REPAIRABLE COMMERCIAL ITEM	SCALE N/A	WEIGHT N/A	SHEET 2 OF 2

REVISIONS			
SYM.	DESCRIPTION	DATE	APPROVED
4	PRELIMINARY	05/25/04	KB



LOCKHEED MARTIN
JSFC19, JSFC20 &
JSFC21

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONS ± 1/16 DECIMALS .XX ± .03 XXX ± .015 ANGLES ± 2°	DRAWN T.I.E.	04/16/03	GLENAIR, INC.		CAD 2003
	CHECK P. OAKES	04/16/03	1211 AIR WAY - GLENDALE - CALIFORNIA 91201		
DO NOT SCALE THIS DRAWING ORIGINAL DATE	ENGR R. PAINTER	04/16/03	COMPOSITE		
	R. Painter		BACKSHELL, SPLIT, RFI/EMI		
B/F 03-2537	P. Oakes		FOR MIL-C-38999		
	P. Oakes		SERIES III & IV CONNECTORS		
E/C 447H*	RELEASE DATE	04/16/03	CODE IDENT. NO.	SIZE	REV.
			06324	C	4
NON REPAIRABLE COMMERCIAL ITEM		SCALE	N/A	WEIGHT	SHEET 1 OF 2

Mouser Electronics

Authorized Distributor

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Glenair:

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[447HE770XM1308](#) [447HF770XM1308](#) [447HF770XM2316](#)