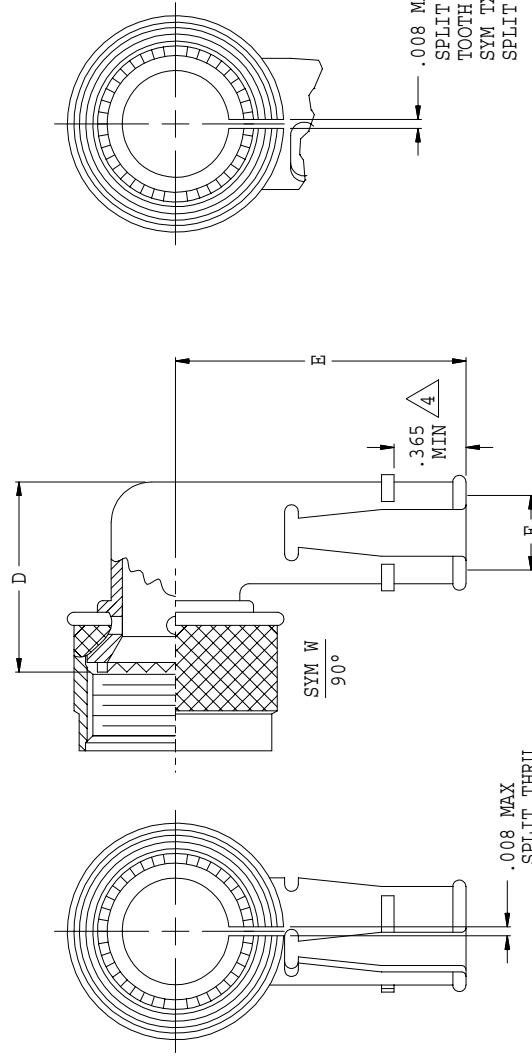
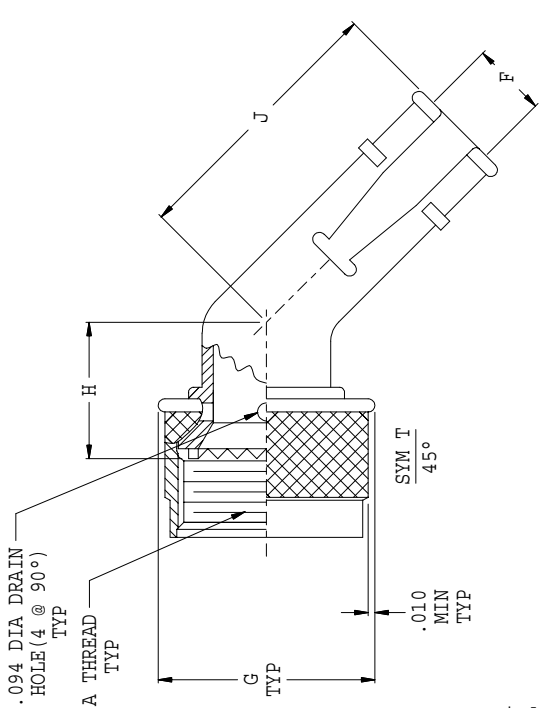
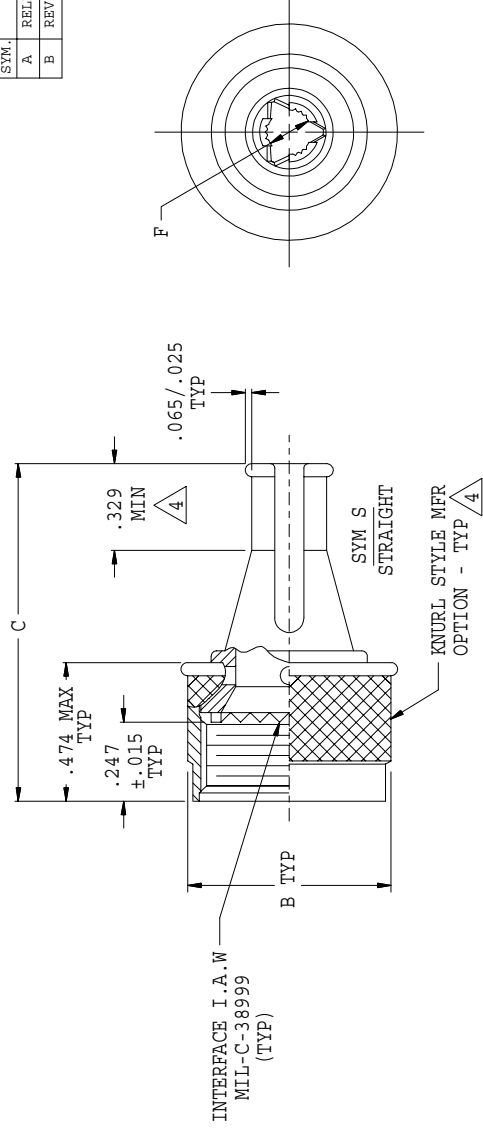


# 440H\*120

## REVISIONS

SYM.	DESCRIPTION	DATE	APPROVED
A	RELEASED	11/02/07	T. L.
B	REVISED PER DCN 29177	03/13/08	T. L.



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DRAWN	T. LE	04/21/03	CAD 2003
CHECK	R. PAINTER	04/21/03	
ENGR	T. YOUNG	04/21/03	
<b>GLENAIR, INC.</b>			
1211 AIR WAY - GLENDALE - CALIFORNIA 91201			
ADAPTER, BANDING, RFI/EMI, STRAIN RELIEF FOR MIL-DTL-38999 SERIES III & IV CONNECTORS			
DO NOT SCALE THIS DRAWING	RELEASE DATE	APPROVED	REV.
B/F 98-5746 P/C 44	11/02/07	<i>R. Parks</i>	C 440H*120 B
NON REPAIRABLE COMMERCIAL ITEM	SCALE N/A	WEIGHT N/A	SHEET 1 OF 2

BOEING ONLY  
5M2919, 5M2920, 5M2953

REVISIONS	
SYM.	DESCRIPTION
SEE SHEET 1	
	DATE
	APPROVED

SHELL SIZE	A THREAD ISO METRIC	B MAX	C MAX DIM	D +.03 -.06 DIM	E MAX DIM	F CABLE DIA		G MAX	H MAX	J MAX
						MAX	MIN			
09	M12 X 1.0 - 6H	.594	1.46	.66	1.02	.203	.094	.65	.470	1.02
11	M15 X 1.0 - 6H	.718	1.46	.69	1.07	.250	.141	.76	.482	1.07
13	M18 X 1.0 - 6H	.844	1.46	.75	1.13	.323	.172	.89	.494	1.13
15	M22 X 1.0 - 6H	1.000	1.46	.86	1.33	.422	.203	1.04	.530	1.33
17	M25 X 1.0 - 6H	1.188	1.46	.94	1.40	.500	.234	1.14	.557	1.40
19	M28 X 1.0 - 6H	1.218	1.46	1.00	1.46	.562	.265	1.28	.576	1.46
21	M31 X 1.0 - 6H	1.344	1.54	1.07	1.61	.625	.297	1.40	.600	1.61
23	M34 X 1.0 - 6H	1.469	1.54	1.15	1.66	.703	.328	1.51	.627	1.66
25	M37 X 1.0 - 6H	1.594	1.54	1.21	1.72	.765	.359	1.63	.653	1.72

TABLE I

PART NUMBER DEVELOPMENT

EXAMPLE: 440 H S 120 NF 21

PRODUCT SERIES

CONNECTOR DESIGNATOR,  
H = MIL-DTL-38999  
SER, III & IV

ANGULAR FUNCTION,  
S = STRAIGHT  
W = 90°  
T = 45°  
WX = 90°, SPLIT OPTION  
TX = 45°, SPLIT OPTION

BASIC NO

FINISH SYM, TABLE II

SHELL SIZE, TABLE I

TABLE II

SYM	FINISH DESCRIPTION
B	CADMIUM PLATE/OLIVE DRAB
J	GOLD IRIDIUM OVER CADMIUM PLATE OVER NICKEL
M	ELECTROLESS NICKEL
N	CADMIUM PLATE/OLIVE DRAB OVER NICKEL
NF	CAD/O. D. OVER ELECTROLESS NICKEL (500 HOUR SALT SPRAY)
T	CADMIUM PLATE/BRIGHT DIP OVER NICKEL
Z1	300 SERIES STAINLESS STEEL, PASSIVATE, QQ-P-35
XM	ELECTROLESS NICKEL

BOEING ONLY  
5M2919, 5M2920, 5M2953

- NOTES:
- ASSEMBLY IDENTIFIED WITH MANUFACTURER'S NAME AND P/N, SPACE PERMITTING.
  - FOR EFFECTIVE GROUNDING, CONNECTOR WITH CONDUCTIVE FINISH SHOULD BE USED.
  - GLENRAIR 600 SERIES BACKSHELL ASSEMBLY TOOLS ARE RECOMMENDED FOR ASSEMBLY AND INSTALLATION.  
ACCOMMODATES 600-083 MICRO BAND.
  - MATERIAL/FINISH:  
COUPLING NUT - AL ALLOY, QQ-A-225/B ASTM B221 OR STAINLESS STEEL, QQ-S-763/ASTM B484 OR COMPOSITE/SEE TABLE II.  
STRAIN RELIEF - THERMOPLASTIC, PPS (RADEL-R5100, COLOR BLACK)

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ENGR	R. PAINTER	04/21/03
	T. YOUNG	04/21/03

UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN INCHES  
TOLERANCES:

FRACTIONS ± 1/16  
DECIMALS .XX ± .03  
.XXX ± .015  
ANGLES ± 2°

DO NOT SCALE THIS DRAWING  
ORIGINAL DATE 11/02/07

NON REPARABLE COMMERCIAL ITEM

B/F 98-5746 P/C 44

SCALE N/A WEIGHT N/A SHEET 2 OF 2

REV. 06324 C 440H\*120 B

GLENRAIR, INC.  
1211 AIR WAY - GLENDALE - CALIFORNIA 91201

ADAPTER, BANDING, RFI/EMI,  
STRAIN RELIEF FOR MIL-DTL-38999  
SERIES III & IV CONNECTORS

CAD 2003

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