



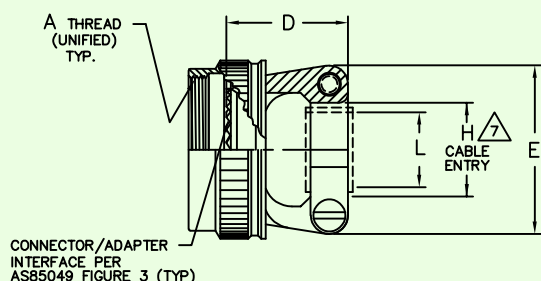
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**SECTION 4 - OPEN FRAME ADAPTER
STRAIGHT, 90° AND
NON - STRAIN RELIEF TERMINATION
MIL - DTL - 38999, SERIES III & IV**

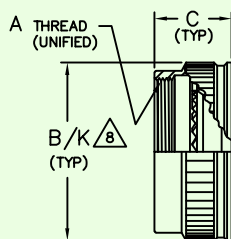
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SHEET 1 OF 1

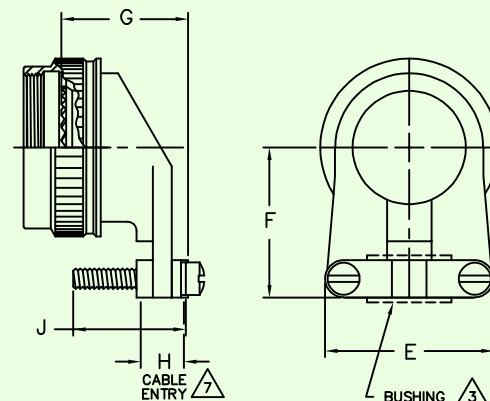
Add'l finish options **TABLE 4** click here



STYLE F



STYLE E



STYLE L

Example Part Number

1 1 1 4 0 E 1 6 - 5 6 $\triangle_3$ $\triangle_4$ $\triangle_5$ $\triangle_6$ $\triangle_8$

ADAPTER SERIES
STRAIN-RELIEF, STRAIGHT, 90° &
NON STRAIN-RELIEF NUT

ADAPTER STYLE
STYLE E - NUT, NON STRAIN-RELIEF
STYLE F - STRAIGHT STRAIN-RELIEF
STYLE L - 90° STRAIN-RELIEF

CONNECTOR CODE NUMBER
MIL-DTL-38999, SERIES III & IV, CLASS C,F,K & W
MS38999/20/24/26/40/44/ & /47

PLATING/MATERIAL CODE NUMBER

- 10 - 300 SERIES SST MATERIAL - PASSIVATE
PER SAE AMS-QQ-P-35.
- 12 - ALUMINUM ALLOY MATERIAL - ZINC NICKEL, BLACK
PER ASTM-BB41
- 13 - ALUMINUM ALLOY MATERIAL - ZINC COBALT, OLIVE DRAB
PER ASTM B840-99 OVER ELECTROLESS NICKEL
- 14 - ALUMINUM ALLOY MATERIAL - ZINC COBALT, BLACK
PER ASTM B840-99 OVER ELECTROLESS NICKEL
- 51 - ALUMINUM ALLOY MATERIAL - ELECTROLESS NICKEL,
PER AMS-C-26074, CLASS 4, GRADE B.
- 55 - ALUMINUM ALLOY MATERIAL - CADMIUM, OLIVE DRAB OVER
NICKEL, PER SAE AMS-QQ-P-416 & AMS-C-26074.
- 34 - ALUMINUM ALLOY: ANODIZE, AMS-A-8625, TYPE II, BLACK
FOR ADDITIONAL FINISH OPTIONS, SEE CATALOG TABLE 4.

CONNECTOR ORDER NUMBER

ORDER NUMBER	SHELL SIZE		A METRIC THD CLASS 6H	ϕ B MAX	C MAX	D MAX	E MAX	F MAX	G MAX	H $\triangle$ CABLE ENTRY		J $\pm .032$	SCREW SIZE	(L)	ϕ M $\triangle_4$ $\pm .015$	ϕ N $\triangle_5$ MAX	ϕ K $\triangle_8$ MAX
	COM'L	MIL								MAX	MIN						
0 8	9	A	M12 X 1.0	.719	.660	.910	.770	1.000	1.010	.234	.098	.500	6-32	.125	.609	.858	.660
1 0	11	B	M15 X 1.0	.844	.660	.910	.770	1.100	1.010	.234	.153	.500	6-32	.188	.733	.984	.780
1 2	13	C	M18 X 1.0	.969	.660	1.010	1.010	1.100	1.210	.328	.190	.625	6-32	.312	.855	1.157	.900
1 4	15	D	M22 X 1.0	1.094	.660	1.060	1.135	1.250	1.260	.457	.260	.750	6-32	.375	.983	1.279	1.060
1 6	17	E	M25 X 1.0	1.219	.660	1.160	1.135	1.300	1.410	.614	.283	.750	6-32	.500	1.109	1.406	1.180
1 8	19	F	M28 X 1.0	1.344	.660	1.410	1.385	1.350	1.510	.634	.325	.750	8-32	.625	1.233	1.516	1.290
2 0	21	G	M31 X 1.0	1.469	.660	1.510	1.385	1.600	1.660	.698	.343	.875	8-32	.625	1.359	1.642	1.410
2 2	23	H	M34 X 1.0	1.594	.660	1.660	1.635	1.750	1.760	.823	.381	1.000	8-32	.750	1.483	1.768	1.530
2 4	25	J	M37 X 1.0	1.719	.660	1.760	1.698	1.850	1.910	.853	.418	1.125	8-32	.800	1.604	1.889	1.690

NOTES: UNLESS OTHERWISE SPECIFIED.

1. ASSEMBLY IDENTIFICATION PER MIL-STD-1285.
2. MATERIAL: ADAPTER COMPONENTS - ALUMINUM ALLOY, OR
300 SERIES SST.
SCREW, WASHERS & RETAINING RING - 300 SERIES SST.
SEE PLATING/MATERIAL CODE IN PART NUMBER.

- $\triangle_3$ ADD 'B' TO P/N IF BUSHING IS REQ'D OF STYL F & L ONLY.
NOT AVAILABLE ON STYLE 'E'.
- $\triangle_4$ ADD 'E' TO P/N IF LOW PROFILE COUPLING NUT REQ'D REF. ' ϕ M'.
- $\triangle_5$ ADD 'H' TO P/N FOR SELF-LOCKING COUPLING. REF. ' ϕ N'.
SCREW HEADS SHALL BE ON SAME SIDE OF CLAMP (STYLE 'F')
- $\triangle_6$ ADD 'W' TO END OF P/N FOR LOCKWIRE HOLES IN
COUPLING NUT AND SCREWS.
- $\triangle_7$ "WIRE BUNDLE ACCOMMODATION RANGE" DIMENSION IS DEFINED
AS THE ENVELOPE AREA OF THE WIRE BUNDLE. THIS DIMENSION
IS NOT MEANT TO DEFINE THE CLAMP HARDWARE LIMITS.
CABLE ENTRY MEETS AS85049/38 & /39.
- $\triangle_8$ ADD "L" TO P/N IF LOW PROFILE COUPLING IS REQUIRED
USE "K" FOR OVER COUPLING DIMENSION.

REV D