

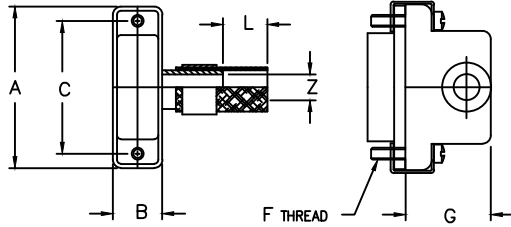


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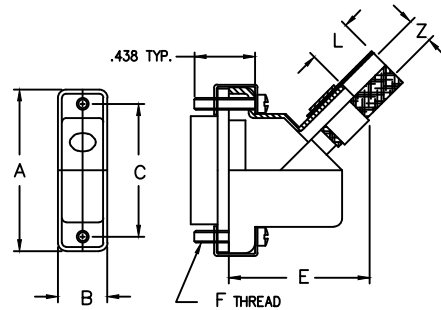
**SECTION 3 - RECTANGULAR ADAPTER
 MAGNEFORMED SHIELD TERMINATION
 STRAIGHT, 45°, & 90° ENTRY
 MIL - DTL - 83513, /1, /2, /3, & /4, MICRO D**

901-866

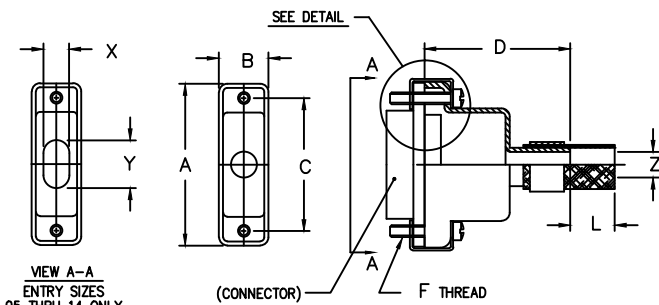
SHEET 1 OF 1



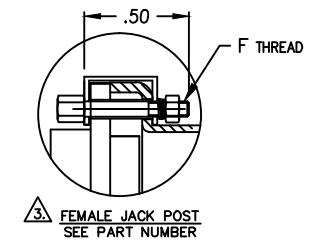
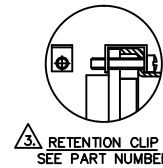
STYLE R



STYLE A



STYLE S



Example Part Number

901-866S25030655 * C

BASIC ADAPTER NO.

ADAPTER STYLE
 S = STRAIGHT ADAPTER
 A = 45° ADAPTER
 R = 90° ADAPTER

ADD 'C' FOR ADAPTER SUPPLIED WITH SCREW RETENTION CLIPS, OMIT IF NOT REQUIRED.

CONNECTOR ORDER NUMBER								
SHELL SIZE	A ±.010	B ±.010	C ±.010	D ±.020	E MAX	F UNIFIED THD	G ±.031	MAX ENTRY
0 9	.775	.360	.565	.750	1.00	2-56UNC-2A	.607	06
1 5	.925	.360	.715	.880	1.03	2-56UNC-2A	.643	08
2 1	1.075	.360	.865	1.000	1.05	2-56UNC-2A	.677	08
2 5	1.175	.360	.965	1.060	1.09	2-56UNC-2A	.718	08
3 1	1.325	.360	1.115	1.120	1.13	2-56UNC-2A	.726	14
3 7	1.475	.360	1.265	1.160	1.16	2-56UNC-2A	.744	14
5 1	1.425	.400	1.215	1.190	1.25	2-56UNC-2A	.828	14
1 0 0	2.160	.450	1.800	1.250	1.32	4-40UNC-2A	.948	14

CABLE ENTRY ORDER NUMBER			
ENTRY NUMBER	ØZ ±.010	Y ±.010	X ±.010
0 1	.125	N/A	N/A
0 2	.156	N/A	N/A
0 3	.188	N/A	N/A
0 4	.234	N/A	N/A
0 5	N/A	.312	.220
0 6	N/A	.375	.220
0 7	N/A	.469	.220
0 8	N/A	.500	.250
1 4	N/A	.875	.281

PLATING CODE NUMBER
 CODE 55 - CADMIUM PER QQ-P-416, TYPE II, CLASS 3, OVER ELECTROLESS NICKEL PER MIL-C-26074 CLASS 3 OR 4, GRADE B.
 CODE 56 - ELECTROLESS NICKEL, PER MIL-C-26074, CLASS 4, GRADE A. FOR ADDITIONAL FINISH OPTIONS, SEE CATALOG TABLE 4.

LENGTH CODE "L"
 LENGTH IN 1 INCH INCREMENTS
 6 INCH MINIMUM ORDER LENGTH
 00 - IF SHIELD NOT REQUIRED

JACKSCREW TYPE
 F = 2 MALE FILLISTER
 H = 2 MALE HEX SOCKET
 J = 2 FEMALE JACKPOST
 OMIT IF JACKSCREWS NOT REQUIRED

NOTES: UNLESS OTHERWISE SPECIFIED.

- ASSEMBLY IDENTIFICATION PER MIL-STD-1285.
 - MATERIAL: ADAPTER - ALUMINUM ALLOY.
 BRAID - TINNED COPPER.
 HARDWARE - SST
- SCREWS CAPTIVATED WITH NYLON WASHERS STANDARD, NOT SUPPLIED WITH 'C' OPTION.
 - ENTRY SIZES 05 THRU 14 TO BE ELLIPTICAL ENTRIES AND SHIELD TERMINATION BY BANDING ONLY.
 - CONSULT FACTORY FOR ADAPTERS THAT MATE WITH /6, /7, /8 & /9 CLASS P (PLASTIC SHELL CONNECTORS).
 - JACK POST SUPPLIED WITH 2 FLAT WASHERS, 1 LOCK WASHER AND 1 HEX NUT.



STANDARD FINISHES

PLATING CODE	FINISH	SPECIFICATION	ACCESSORY MATERIAL	CORROSION RESISTANCE (HRS)	ROHS COMPLIANT
0 3	CADIUM PLATE, OLIVE DRAB	SAE AMS-QQ-P-416, TYPE II, CLASS 3	ALUMINUM	96	NO
1 0	PASSIVATE	SAE AMS-QQ-P-35, (AS85049 CODE S)	STAINLESS STEEL	1000	YES
1 2	ZINC NICKEL, BLACK	ASTM B841	ALUMINUM	500	YES
1 3	ZINC COBALT, OLIVE DRAB	ASTM B840-99	ALUMINUM	96	NO
1 4	ZINC COBALT, BLACK	ASTM B840-99	ALUMINUM	96	NO
2 1	IRIDITE, 14-2, GOLD	IRIDITE, NUMBER 14-2 PER MIL-DTL-5541 CL 3	ALUMINUM	96	NO
3 4	ANODIZE, BLACK	MIL-A-8625, TYPE II, CL 3 (AS85049 CODE A)	ALUMINUM	1000	YES
3 5	ANODIZE ,GREY	MIL-A-8625, TYPE II, CLASS 2	ALUMINUM	500	YES
4 4	ANODIZE, HARD, BLACK	MIL-A-8625, TYPE II, CLASS 2	ALUMINUM	500	YES
4 5	ANODIZE, HARD, GREY	MIL-A-8625, TYPE II, CLASS 2	ALUMINUM	1000	YES
4 8	ELECTROLESS NICKEL	AMS-2404F, CLASS 4, GRADE B	STAINLESS STEEL	48	NO
5 1	ELECTROLESS NICKEL	AMS-2404F, CLASS 4, GRADE B	ALUMINUM	48	NO
5 5	CADIUM PLATE, OLIVE DRAB, OVER ELECTROLESS NICKEL	SAE AMS-QQ-P-416, TYPE II, CLASS 3, OVER ELECTROLESS NICKEL, PER AMS-2404F (AS85049 CODE W)	ALUMINUM	1000	NO
5 6	ELECTROLESS NICKEL	AMS-2404F, CLASS 4, GRADE A	ALUMINUM	96	NO
5 6 R	ELECTROLESS NICKEL	AMS-2404F, CLASS 4, GRADE A	ALUMINUM	48	YES
5 7	ELECTROLESS NICKEL	AMS-2404F, CLASS 4, GRADE A (AS85049 CODE N)	ALUMINUM	96	NO
64	CADIUM PLATE, OLIVE DRAB, OVER ELECTROLESS NICKEL	SAE AMS-QQ-P-416, TYPE II, CLASS 3, OVER ELECTROLESS NICKEL, PER AMS-2404F (SELECTIVE PLATING REF AS85049 CODE P)	ALUMINUM	1000	NO
85	PASSIVATED	SAE AMS-QQ-P-35	316 SST	1000	YES
87	BEAD BLASTED	N/A	NI. ALUM. BRONZE	1000	YES

NOTES: UNLESS OTHERWISE SPECIFIED

- CORROSION RESISTANCE IS SPECIFIED FOR SALT SPRAY IN ACCORDANCE WITH AS85049
- CONSULT FACTORY FOR OTHER FINISHES
- FINISHES ARE APPLICABLE TO THE CONNECTOR ACCESSORIES ONLY AND EXCLUDE FASTENERS AND OTHER HARDWARE
- EMI/RFI ACCESSORIES ARE SUPPLIED WITH CONDUCTIVE FINISHES ONLY
- ANODIZE NOT SUITABLE FOR EMI SHIELDING OR GROUNDING APPLICATIONS
- ALL THE CONDUCTIVE FINISHES USED ON ALUMINUM CAN ALSO BE USED ON BRASS (CONSULT FACTORY)
- CADMIUM/NICKEL INTERFACE SHALL BE COATED WITH POLYSULFIDE SEALANT (REF FIGURE 2 BELOW)

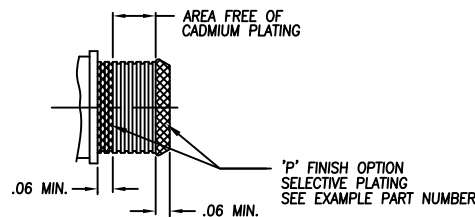


FIGURE 2



STANDARD MATERIALS

COMPONENT	MATERIAL	SPECIFICATION
MACHINED COMPONENTS	ALUMINUM STAINLESS STEEL (300 SERIES) BRASS NICKEL ALUMINUM BRONZE	ASTM B221, ASTM B211 (MFG OPTION) AMS-QQ-S-763, QQ-S-764 (MFG OPTION) QQ-B-626 ASTMB150 (AMS4640)
DIE CAST COMPONENTS	ALUMINUM	ASTM B 85
FASTENERS AND HARDWARE	STAINLESS STEEL (300 SERIES) STEEL BRASS	AMS-QQ-S-763 SAE20, QQ-S-634, QQ-S-637 QQ-B-626
ELASTOMERIC SEALS	SILICONE BUNA-N NEOPRENE	ZZ-R-765B, MIL-R-25988 AMS-3209 MIL-R-3065

NOTES: UNLESS OTHERWISE SPECIFIED

1. THE SPECIFIED MATERIALS ARE STANDARD FOR THE MAJORITY OF CONNECTOR ACCESSORIES
2. CONSULT FACTORY FOR OTHER MATERIALS
3. FOR DOCUMENTS LISTED WITHIN THIS CATALOG WITH OUT A TOLERANCE SHOWN SHALL HAVE TOLERANCES AS FALLOWED:
 - .X = ±.2
 - .XX = ±.12
 - .XXX = ± .062
 - X° = ±10°