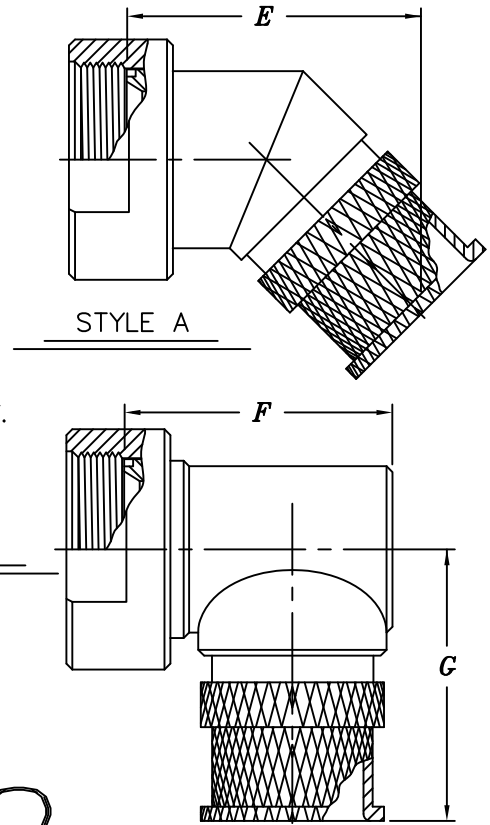
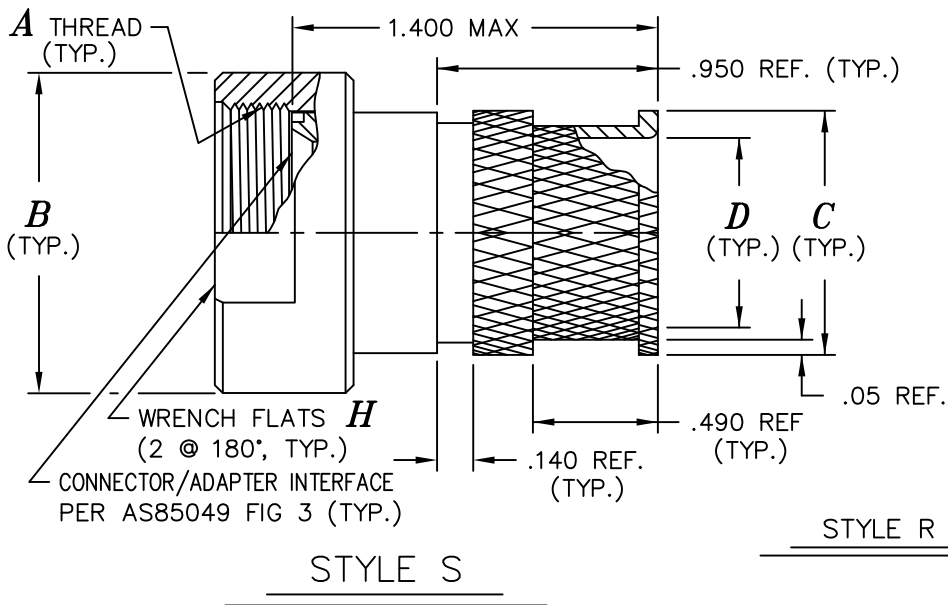




**ELECTRO ADAPTER, INC.**  
 CHATSWORTH, CALIFORNIA, USA 91311  
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SHIELD ADAPTER FOR MIL-DTL-5015,  
 MIL-DTL-26482 SERIES 2, MIL-DTL-83723  
 SERIES I & III, MIL-C-81703 SERIES III

SPECIFICATION CONTROL DRAWING  
 901-424



*Example Part Number*

901-424S210

BASIC ADAPTER NUMBER

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

PLATING CODE NUMBER  
 10 = PASSIVATE, PER SAE-AMS-QQ-P-35  
 12 = BLACK, ZINC NICKEL, TYPE II, CLASS 2  
 55 = CADMIUM, OLIVE DRAB, PER SAE AMS-QQ-P-416, TYPE II, CLASS 3,  
 OVER ELECTROLESS NICKEL PER AMS-C-26074, CLASS 3 OR 4, GRADE B  
 56 = ELECTROLESS NICKEL PER SAE AMS-2404F, CLASS 3 OR 4, GRADE A.  
 FOR ADDITIONAL FINISH OPTIONS, SEE CATALOG TABLE 4.

NOTES:

- ASSEMBLY IDENT. PER MIL-STD-1285.
- MATERIAL: COMPONENTS - ALUMINUM ALLOY, 300 SERIES STAINLESS STEEL.
- SEE DRAWING NUMBER 901-436 FOR SHIELD TERMINATION SPRING.

ADAPTER DATA

ORDER NUMBER	A UNIFIED THD. CLASS 2B	B MAX. DIA.	C MAX. DIA.	D REF DIA.	E REF.	F REF.	G REF.	H ACROSS FLATS
1	.500-20	.78	.53	.25	1.57	.81	1.344	.625
2	.625-24	.91	.61	.31	1.59	.87	1.375	.750
3	.750-20	1.03	.78	.50	1.63	1.06	1.438	.875
4	.875-20	1.16	.84	.56	1.67	1.12	1.500	1.000
5	1.000-20	1.28	.96	.68	1.71	1.25	1.562	1.125
6	1.062-18	1.34	1.04	.75	1.77	1.31	1.594	1.188
7	1.188-18	1.47	1.22	.87	1.81	1.43	1.656	1.312
8	1.312-18	1.59	1.35	1.00	1.84	1.56	1.719	1.438
9	1.438-18	1.72	1.48	1.12	1.90	1.68	1.781	1.562

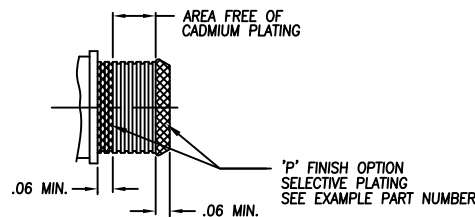


**STANDARD FINISHES**

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°