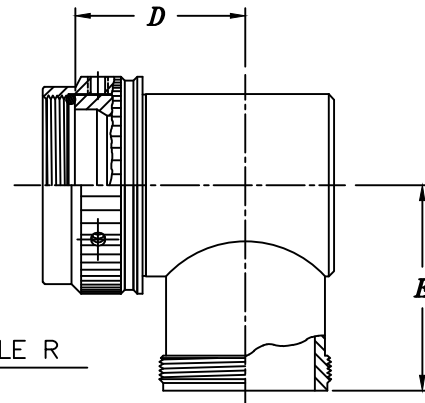
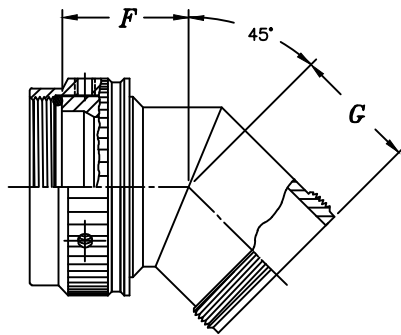
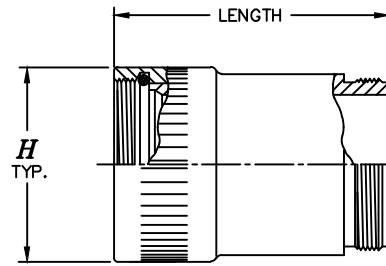
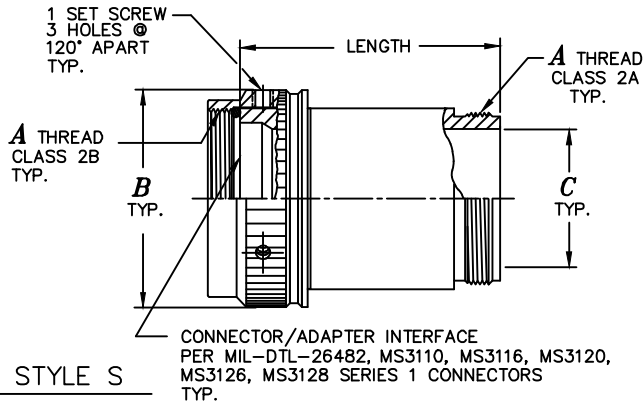




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**EXTENDER FOR
 MIL-DTL-26482
 SERIES I
 CONNECTORS**

**SPECIFICATION CONTROL DRAWING
 30121**



Example Part Number

30121S1408-55

BASIC
 ADAPTER
 NUMBER

ADAPTER STYLE
 B = BASIC ADAPTER
 S = STRAIGHT ADAPTER,
 SPIN COUPLING
 A = 45° ADAPTER
 R = 90° ADAPTER

PLATING CODE NUMBER

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
 FOR ADDITIONAL FINISH OPTIONS,
 SEE CATALOG TABLE 4.

LENGTH CODE NUMBER

SELECT LENGTH IN 1/4" INCREMENTS
 (ie; 08=2.00", 09=2.25", etc.)
 MIN. AVAIL. LENGTH IS 1.00" (04)
 INSERT 00 FOR 45° & 90° ADAPTERS

ADAPTER DATA

ORDER NUMBER	SHELL SIZE	A UNIFIED THD. CLASS 2B	B MAX. DIA.	C REF. DIA.	D ±.094	E REF.	F REF.	G REF.	H ±.015 DIA.
0 8	8	.438-28	.781	.312	.562	.875	.591	.578	.562
1 0	10	.562-24	.906	.375	.656	.937	.604	.604	.688
1 2	12	.688-24	1.031	.500	.719	1.000	.629	.629	.812
1 4	14	.812-20	1.156	.625	.781	1.063	.655	.655	.938
1 6	16	.938-20	1.281	.750	.844	1.125	.681	.681	1.062
1 8	18	1.062-18	1.406	.875	.844	1.188	.707	.694	1.188
2 0	20	1.188-18	1.531	1.000	.906	1.250	.733	.720	1.312
2 2	22	1.312-18	1.656	1.125	.969	1.313	.759	.746	1.438
2 4	24	1.438-18	1.781	1.250	1.031	1.375	.785	.772	1.562

NOTES:

- ASSEMBLY IDENTIFICATION PER MIL-STD-1285.
- MATERIAL:
 COMPONENTS - ALUMINUM ALLOY
 O'RING - SILICONE

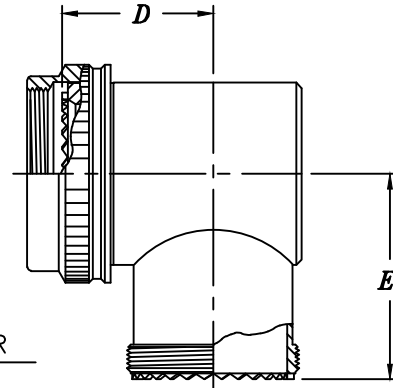
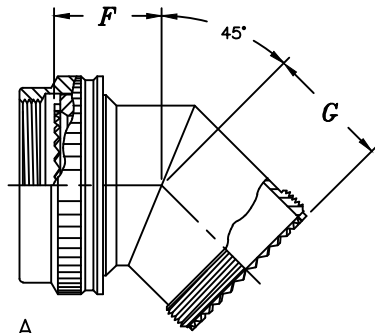
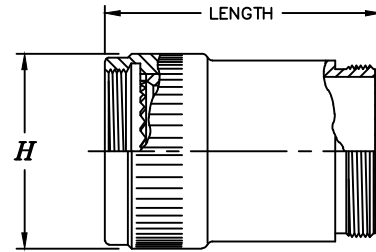
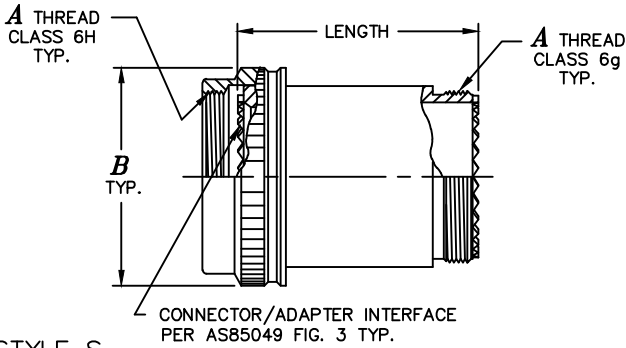
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**EXTENDER FOR
 MIL-DTL-38999
 SERIES III & IV
 CONNECTORS**

**SPECIFICATION CONTROL DRAWING
 30140**



Example Part Number

30140S1408-55

BASIC ADAPTER NUMBER

ADAPTER STYLE
 B = BASIC ADAPTER
 S = STRAIGHT ADAPTER, SPIN COUPLING
 A = 45° ADAPTER
 R = 90° ADAPTER

PLATING CODE NUMBER
 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
 FOR ADDITIONAL FINISH OPTIONS, SEE CATALOG TABLE 4.

LENGTH CODE NUMBER
 SELECT LENGTH IN 1/4" INCREMENTS (ie; 08=2.00", 09=2.25", etc.)
 MIN. AVAIL. LENGTH IS 1.00" (04)
 INSERT 00 FOR 45° & 90° ADAPTERS

ADAPTER DATA									
ORDER NUMBER	SHELL SIZE SER III & IV	A METRIC THD	B MAX. DIA.	D ±.094	E ±.094	F ±.094	G ±.094	H ±.015 DIA.	
0 8	A 9	M12 X 1.0	.719	.594	.875	.484	.578	.625	
1 0	B 11	M15 X 1.0	.844	.657	.937	.510	.604	.750	
1 2	C 13	M18 X 1.0	.969	.719	1.000	.535	.629	.875	
1 4	D 15	M22 X 1.0	1.094	.782	1.063	.561	.655	1.000	
1 6	E 17	M25 X 1.0	1.219	.844	1.125	.587	.681	1.125	
1 8	F 19	M28 X 1.0	1.344	.875	1.188	.600	.694	1.250	
2 0	G 21	M31 X 1.0	1.469	.938	1.250	.626	.720	1.375	
2 2	H 23	M34 X 1.0	1.594	1.000	1.313	.652	.746	1.500	
2 4	J 25	M37 X 1.0	1.719	1.062	1.375	.678	.772	1.625	

- NOTES: UNLESS OTHERWISE SPECIFIED
- ASSEMBLY IDENTIFICATION PER MIL-STD-1285.
 - MATERIAL:
 COMPONENTS - ALUMINUM ALLOY
 O'RING - SILICONE

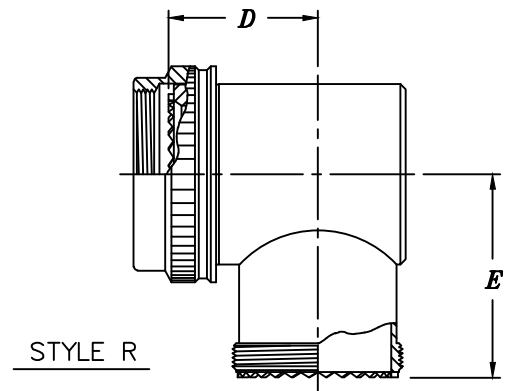
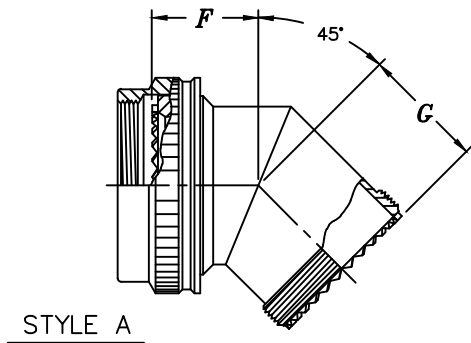
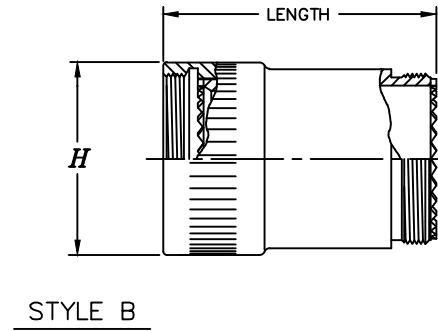
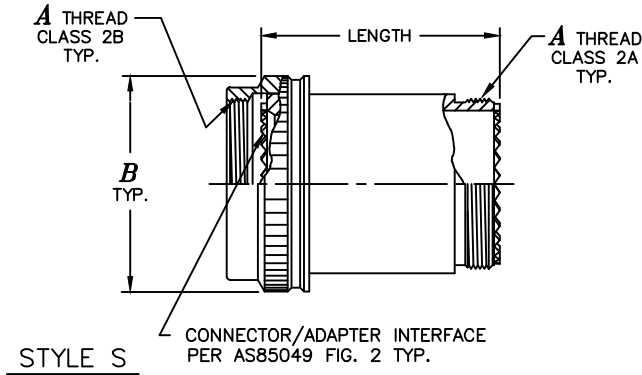
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**EXTENDER FOR
 MIL-DTL-38999
 SERIES I & II
 CONNECTORS**

**SPECIFICATION CONTROL DRAWING
 30141**



Example Part Number

30141S1408-55

BASIC ADAPTER NUMBER

ADAPTER STYLE
 B = BASIC ADAPTER
 S = STRAIGHT ADAPTER, SPIN COUPLING
 A = 45° ADAPTER
 R = 90° ADAPTER

PLATING CODE NUMBER
 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
 FOR ADDITIONAL FINISH OPTIONS, SEE CATALOG TABLE 4.

LENGTH CODE NUMBER
 SELECT LENGTH IN 1/4" INCREMENTS (ie; 08=2.00", 09=2.25", etc.)
 MIN. AVAIL. LENGTH IS 1.00" (04)
 INSERT 00 FOR 45° & 90° ADAPTERS

ADAPTER DATA									
ORDER NUMBER	SHELL SIZE		A UNIFIED THD.	B MAX. DIA.	D ±.094	E ±.094	F ±.094	G ±.094	H ±.015 DIA.
	SER. II	SER. I							
0 8	8	9	.438-28	.719	.594	.875	.484	.578	.562
1 0	10	11	.562-24	.844	.657	.937	.510	.604	.688
1 2	12	13	.688-24	.969	.719	1.000	.535	.629	.812
1 4	14	15	.812-20	1.094	.782	1.063	.561	.655	.938
1 6	16	17	.938-20	1.219	.844	1.125	.587	.681	1.062
1 8	18	19	1.062-18	1.344	.875	1.188	.600	.694	1.188
2 0	20	21	1.188-18	1.469	.938	1.250	.626	.720	1.312
2 2	22	23	1.312-18	1.594	1.000	1.313	.652	.746	1.438
2 4	24	25	1.438-18	1.719	1.062	1.375	.678	.772	1.562

NOTES: UNLESS OTHERWISE SPECIFIED
 1. ASSEMBLY IDENTIFICATION PER MIL-STD-1285.
 2. MATERIAL:
 COMPONENTS - ALUMINUM ALLOY
 O'RING - SILICONE

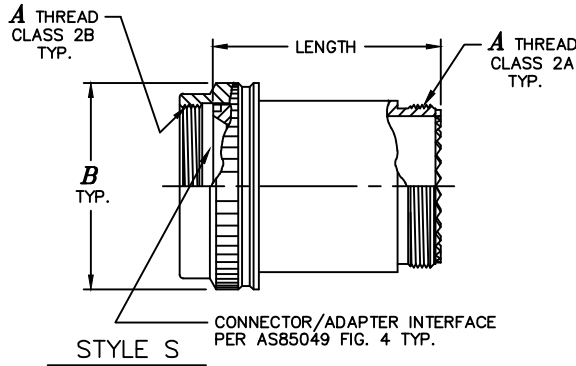
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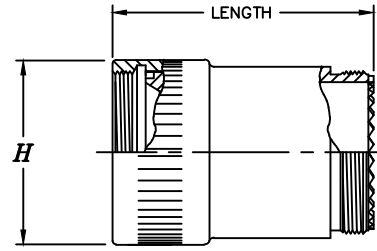
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**EXTENDER FOR
 MIL-DTL-5015,
 MIL-DTL-26482 SERIES II
 CONNECTORS**

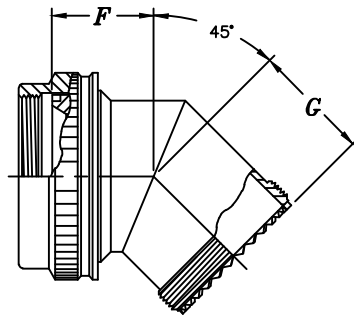
**SPECIFICATION CONTROL DRAWING
 30154**



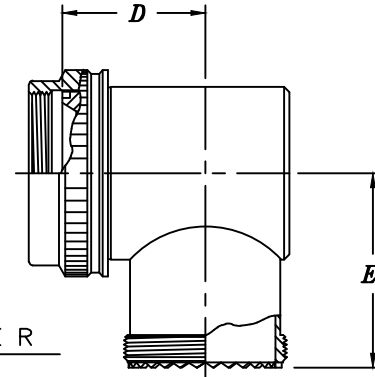
STYLE S



STYLE B



STYLE A



STYLE R

Example Part Number

30154S1408-55

BASIC ADAPTER NUMBER

ADAPTER STYLE
 B = BASIC ADAPTER
 S = STRAIGHT ADAPTER, SPIN COUPLING
 A = 45° ADAPTER
 R = 90° ADAPTER

PLATING CODE NUMBER
 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
 FOR ADDITIONAL FINISH OPTIONS, SEE CATALOG TABLE 4.

LENGTH CODE NUMBER
 SELECT LENGTH IN 1/4" INCREMENTS (ie; 08=2.00", 09=2.25", etc.)
 MIN. AVAIL. LENGTH IS 1.00" (04)
 INSERT 00 FOR 45° & 90° ADAPTERS

ADAPTER DATA								
ORDER NUMBER	SHELL SIZE	A UNIFIED THD.	B ±.020 DIA.	D ±.094	E ±.094	F ±.094	G ±.094	H ±.015 DIA.
0 8	8	.500-20	.607	.594	.875	.516	.578	.625
1 0	10	.625-24	.724	.657	.937	.542	.604	.750
1 2	12	.750-20	.848	.719	1.000	.567	.629	.875
1 4	14	.875-20	.974	.750	1.063	.580	.655	1.000
1 6	16	1.000-20	1.102	.812	1.125	.606	.681	1.125
1 8	18	1.062-18	1.208	.844	1.188	.619	.694	1.188
2 0	20	1.188-18	1.335	.907	1.250	.645	.720	1.312
2 2	22	1.312-18	1.458	.969	1.313	.671	.746	1.438
2 4	24	1.438-18	1.583	1.032	1.375	.697	.772	1.562

NOTES: UNLESS OTHERWISE SPECIFIED
 1. ASSEMBLY IDENTIFICATION PER MIL-STD-1285.
 2. MATERIAL: COMPONENTS - ALUMINUM ALLOY

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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

1. 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

4. EMI/RFI ACCESSORIES ARE SUPPLIED WITH CONDUCTIVE FINISHES ONLY

5. ANODIZE NOT SUITABLE FOR EMI SHIELDING OR GROUNDING APPLICATIONS

6. 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)

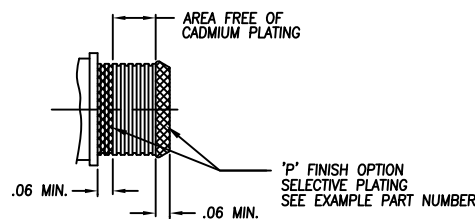


FIGURE 2



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°