



Series 80 Connectors Modification Codes and Material/Finish Codes

SERIES 80 MODIFICATION CODES

Modification Code	Description	Application Notes	Part Number Example
MOD-186	Oven bake connector for 8 hours at 400° F.	Intended for space flight applications. See Guidelines for Space-Grade Applications.	800-006-06M5-3SN- 186
MOD-429	Special NASA high-reliability screening and processing	Use this mod code on all Series 80 connectors. See page B-12 for additional information.	801-010-02M13-37PB- 429J
MOD-489	Solder dip PC tails in 63/37 tin-lead	For use with all connectors with PC tail contacts.	801-011-02M7-10PA- 489
MOD-501	Replace spanner-style jam nut with hex-style jam nut with safety wire holes	Use this mod code on all Series 80 rear panel mount jam nut connectors (style 07).	800-010-07M6-4SN- 501

STANDARD MATERIAL/FINISH CODES

Code	Material	Finish	Finish Specification	Hrs. Salt Spray	Electrical Conductivity	Operating Temp. Range	RoHS Compliance
AB	Marine Bronze	Unplated		1000	Conductive	-65 to +200°C	✓
AL	Aluminum	AlumiPlate	MIL-DTL-83488	1000	Conductive	-65 to +175°C	✓
C	Aluminum	Anodize, Black	AMS-A-8625	336	Non-Conductive	-65 to +175°C	✓
E	Aluminum	Chem Film	MIL-DTL-5541	168	Conductive	-65 to +175°C	
G2	Aluminum	Anodize, Hardcoat	AMS-A-8625	336	Non-Conductive	-65 to +200°C	✓
JF	Aluminum	Cadmium, Gold	SAE-AMS-QQ-P-416	1000	Conductive	-65 to +175°C	
LF	Aluminum	Cadmium, Clear	SAE-AMS-QQ-P-416	1000	Conductive	-65 to +175°C	
M	Aluminum	Electroless Nickel	AMS-C-26074	48	Conductive	-65 to +200°C	✓
MT	Aluminum	Nickel-PTFE	GMF-002	1000	Conductive	-65 to +175°C	✓
NC	Aluminum	Zinc-Cobalt, Olive Drab	ASTM B 840	350	Conductive	-65 to +175°C	
NF	Aluminum	Cadmium, Olive Drab	SAE-AMS-QQ-P-416	1000	Conductive	-65 to +175°C	
P	Stainless Steel	Electrodeposited Nickel	SAE-AMS-QQ-N-290	500	Conductive	-65 to +200°C	✓
UC	Aluminum	Zinc-Cobalt, Black	ASTM B 840	350	Conductive	-65 to +175°C	
UCR	Aluminum	Zinc-Cobalt, Black (RoHS)	ASTM B 840	350	Conductive	-65 to +175°C	✓
Z1	Stainless Steel	Passivate	SAE-AMS-QQ-P-35	1000	Conductive	-65 to +200°C	✓
Z2	Aluminum	Gold	MIL-DTL-45204	48	Conductive	-65 to +200°C	✓
ZC	Stainless Steel	Zinc-Cobalt, Black	ASTM-B840		Conductive	-65 to +175°C	
ZCR	Stainless Steel	Zinc-Cobalt, Black (RoHS)	ASTM-B840		Conductive	-65 to +175°C	✓
ZL	Stainless Steel	Electrodeposited Nickel	SAE-AMS-QQ-N-290	1000	Conductive	-65 to +200°C	✓
ZM	Stainless Steel	Electroless Nickel	AMS-C-26074		Conductive	-65 to +200°C	✓
ZMT	Stainless Steel	Nickel-PTFE	GMF-002	1000	Conductive	-65 to +175°C	✓
ZN	Aluminum	Zinc-Nickel, Olive Drab	ASTM B841	1000	Conductive	-65 to +175°C	
ZNU	Aluminum	Zinc-Nickel, Black	ASTM B841	1000	Conductive	-65 to +175°C	
ZU	Stainless Steel	Cadmium, Black	SAE-AMS-QQ-P-416	1000	Conductive	-65 to +175°C	
ZW	Stainless Steel	Cadmium, Olive Drab	SAE-AMS-QQ-P-416	2000	Conductive	-65 to +175°C	

Dimensions in inches (millimeters) and are subject to change without notice.

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