

# REFERENCE & PERFORMANCE DATA

## MATERIAL AND FINISH SPECIFICATIONS

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ITEM	FINISH CODE	BASE MATERIAL	SPECIFICATION	TEMP RANGE	SALT SPRAY RATING (HR)
ALUMINUM	X	ALUMINUM	QQ-A-225/8	-65 to +200°C	0
STAINLESS STEEL, PASSIVATED	K	STAINLESS STEEL	QQ-S-763 (300 SERIES)	-65 to +200°C	1000
COMPOSITE	C	ULTEM	ULTEM 2300, 30% GF	-65 to +175°C	1000
BRASS	B	360 BRASS	ASTM B16	-65 to +200°C	0
CADMIUM, OLIVE DRAB	W	ALUMINUM	SAE-AMS-QQ-P-416 TYPE II, CLASS 3	-65 to +175°C	96
CADMIUM, OLIVE DRAB	D	ALUMINUM	SAE-AMS-QQ-P-416 TYPE II, CLASS 3 OVER ELECTROLESS NICKEL	-65 to +175°C	500
CADMIUM, OLIVE DRAB	Q	ALUMINUM	SAE-AMS-QQ-P-416 TYPE II, CLASS 2 OVER ELECTROLESS NICKEL	-65 to +175°C	1000
ELECTROLESS NICKEL	F	ALUMINUM	AMS-C-26074	-65 to +200°C	48
HARD ANODIZE	G	ALUMINUM	PER MIL-A-8625	-65 to +175°C	300
CLEAR ANODIZE	E	ALUMINUM	PER MIL-A-8625	-65 to +175°C	300
HARD BLACK ANODIZE	A	ALUMINUM	PER MIL-A-8625	-65 to +175°C	300
COMPOSITE W/ ELECTROLESS NICKEL PLATE	M	ULTEM	AMS-C-26074	-65 to +175°C	2000
COMPOSITE W/ CADMIUM PLATE	N	ULTEM	SAE-AMS-QQ-P-416 TYPE II, CLASS 3 OVER ELECTROLESS NICKEL	-65 to +175°C	2000
BRASS W/ ELECTROLESS NICKEL PLATE	R	360 BRASS	AMS-C-26074	-65 to +200°C	48
NICKEL PTFE	T	ALUMINUM	PROPRIETARY	-65 to +175°C	1000
BLACK ZINC NICKEL	Z	ALUMINUM	ASTM B841, GRADE 5, OVER ELECTROLESS NICKEL	-65 to +175°C	500
ZINC COBALT, OLIVE DRAB	H	ALUMINUM	ASTM B840, GRADE 6, TYPE D OVER ELECTROLESS NICKEL	-65 to +175°C	300
OLIVE DRAB ZINC NICKEL	L	ALUMINUM	ASTM B841, GRADE 5, OVER ELECTROLESS NICKEL	-65 TO +175C	1000
ZINC COBALT, BLACK	P	ALUMINUM	ASTM B840, GRADE 6, TYPE D OVER ELECTROLESS NICKEL	-65 TO +175C	300
CADMIUM, YELLOW	Y	ALUMINUM	AMS-QQ-P-416	-65 TO +175C	96
CHEMICAL CONVERSION COATING	J	ALUMINUM	MIL-DTL-5541 TYPE 1, CLASS 1A	-65 TO +175C	96
GOLD, 50 MICRO INCHES	S	MULTIPLE	MIL-DTL-25204	-65 TO +175C	500
GOLD, 30 MICRO INCHES	U	MULTIPLE	MIL-DTL-25204	-65 TO +175C	300
NICKEL PLATED STAINLESS STEEL	KE	STAINLESS STEEL	AMS-C-26074	-65 TO +175C	1096
SULFURIC ACID ANODIZE	SA	ALUMINUM	MIL-A-8625, TYPE II	-65 TO +175C	96
TIN PLATING	V	MULTIPLE	ASTM B545	-65 TO +175C	48

LIST OF MATERIALS FOR GENERAL MACHINING OR CUSTOM CONNECTORS								
ALUMINUM	STAINLESS STEEL	CARBON STEEL	TITANIUM	BRASS	BRONZE	ULTEM	DELTRIN	NYLON