

SPECIAL PURPOSE CONTACTS

Thermocouple Cables



850-366 Thermocouple pin for MIL-DTL-38999 Series III

HOW TO ORDER			
Sample Part No.	850-366	-XX	-XX
Product	850-366 = Thermocouple Pin		
Contact Size	16, 20, 22 (See Table I)		
Material / Finish	(See Table II)		

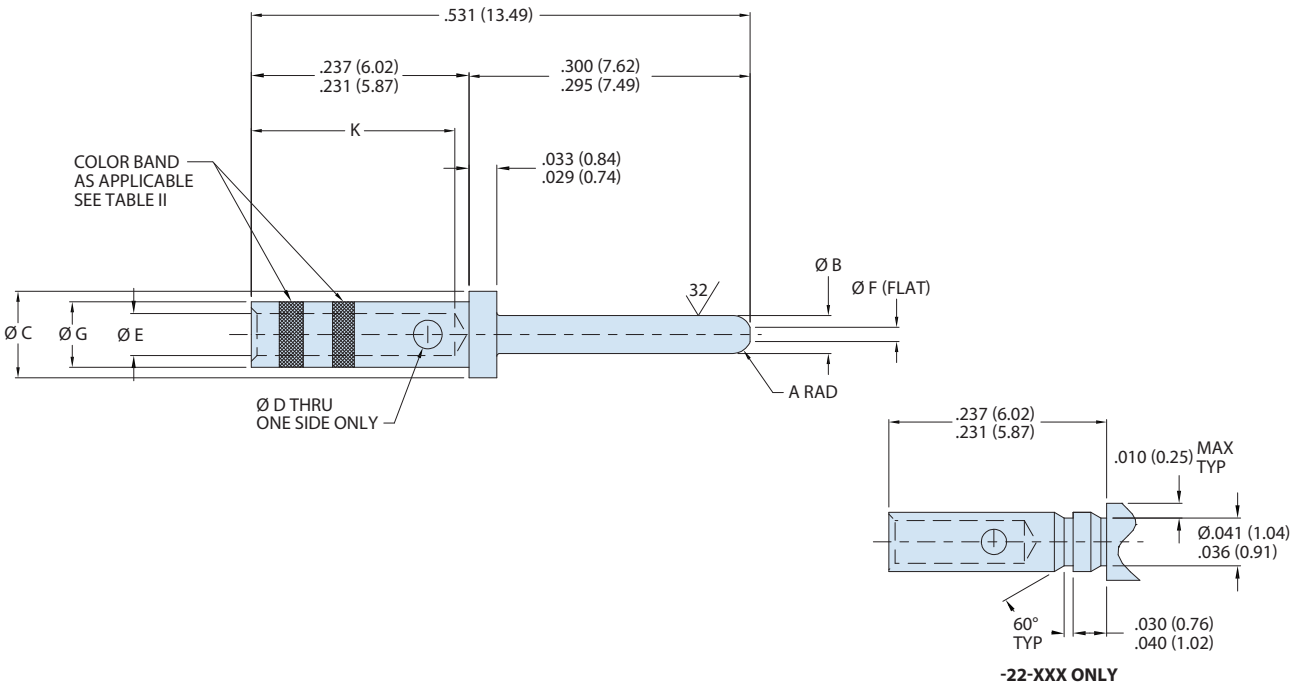


TABLE I								
Size	A Rad	Ø B	Ø C	Ø D	Ø E	Ø F Flat	Ø G	K
22	.020 (0.51)	.0305 (0.77)	.062 (1.57)	.022 (0.56)	.0355 (0.90)	.011 (0.28)	.048 (1.22)	.157 (3.99)
	.010 (0.25)	.0295 (0.75)	.060 (1.52)	.018 (0.46)	.0335 (0.85)	MAX	.046 (1.17)	.141 (3.58)
20	.020 (0.51)	.041 (1.04)	.094 (2.39)	.032 (0.81)	.048 (1.22)	.015 (0.38)	.070 (1.78)	.229 (5.82)
	.015 (0.38)	.039 (0.99)	.091 (2.31)	.026 (0.66)	.046 (1.17)	MAX	.068 (1.73)	
16	.025 (0.64)	.0635 (1.61)	.130 (3.30)	.042 (1.07)	.068 (1.73)	.030 (0.76)	.103 (2.62)	.209 (5.31)
	.020 (0.51)	.0615 (1.56)	.127 (3.23)	.036 (0.91)	.066 (1.68)	.011 (0.28)	.101 (2.57)	

TABLE II					
Thermocouple Type	Formerly Known As	Material Description	First Color Band	Second Color Band	Finish
KP	Chromel	Thermocouple, Type KP Per ANSI MC96.1 and ASTM E230	Yellow	Yellow	None
KN	Alumel	Thermocouple, Type KN Per ANSI MC96.1 and ASTM E230	Yellow	None	
EP	Chromel	Thermocouple, Type EP Per ANSI MC96.1 and ASTM E230	Gray	Gray	
EN	Constantan	Thermocouple, Type EN Per ANSI MC96.1 and ASTM E230	Gray	None	
JP	Iron	Thermocouple, Type JP Per ANSI MC96.1 and ASTM E230	White	White	Cadmium Plate Per AMS-QQ-P-416, Type Ii, Clear Chromate Treatment .000100 Minimum Thick
JN	Constantan	Thermocouple, Type JN Per ANSI MC96.1 and ASTM E230	White	None	None
TP	Copper	Thermocouple, Type TP Per ANSI MC96.1 and ASTM E230	Blue	Blue	Gold Flash Per ASTM B488
TN	Constantan	Thermocouple, Type TN Per ANSI MC96.1 and ASTM E230	Blue	None	
NP	Nicrosil	Thermocouple, Type NP Per ANSI MC96.1 and ASTM E230	Orange	Orange	
NN	Nisil	Thermocouple, Type NN Per ANSI MC96.1 and ASTM E230	Orange	None	