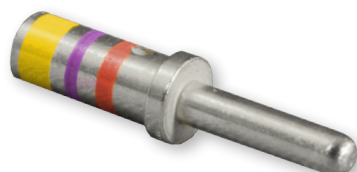
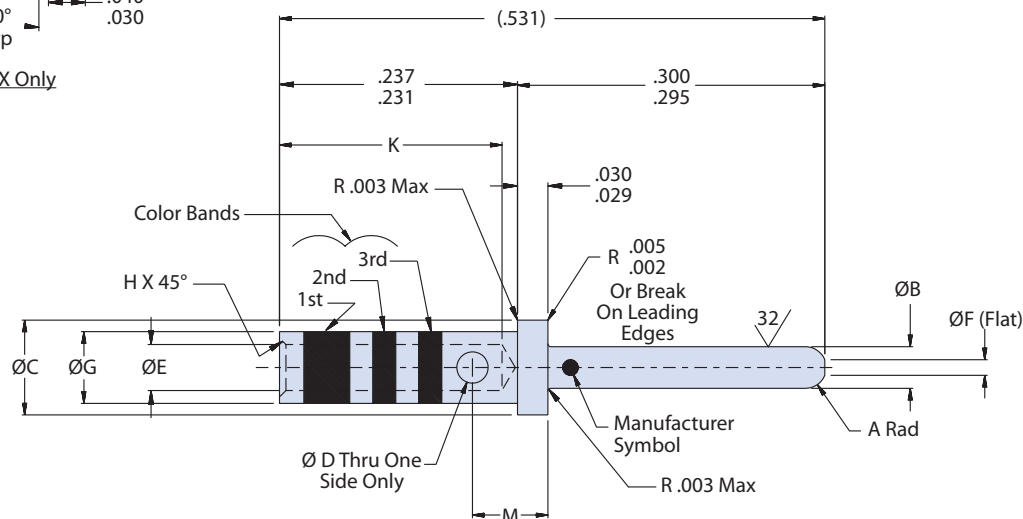
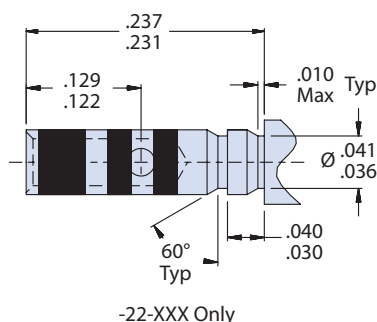


Thermocouple Pin Contact to Fit D38999 Series I, II, III and IV and M24308 Connectors



Mating End Size	Wire Accomodation	Military Part Number	Glenair Part Number
22	22-28 AWG	M39029/87-470	850-023-22-470
22	22-28 AWG	M39029/87-471	850-023-22-471
22	22-28 AWG	M39029/87-472	850-023-22-472
22	22-28 AWG	M39029/87-473	850-023-22-473
20	20-24 AWG	M39029/87-474	850-023-20-474
20	20-24 AWG	M39029/87-475	850-023-20-475
20	20-24 AWG	M39029/87-476	850-023-20-476
20	20-24 AWG	M39029/87-477	850-023-20-477
16	16-20 AWG	M39029/87-478	850-023-16-478
16	16-20 AWG	M39029/87-479	850-023-16-479
16	16-20 AWG	M39029/87-480	850-023-16-480
16	16-20 AWG	M39029/87-481	850-023-16-481



850-023
AS39029/87 Type
Thermocouple Pin Contact



Special
Purpose

TABLE I: CONTACT DIMENSIONS

Size	Glenair Part Number	Military Number	A (rad)	ø B Min.	ø C	ø D	ø E	ø F	ø G	H
22	850-023-22-470	M39029/87-470	.020 .010	.0305 .0295	.062 .060	.022 .018	.0355 .0335	.011 max	.048 .046	.005 .003
	850-023-22-471	M39029/87-471								
	850-023-22-472	M39029/87-472								
	850-023-22-473	M39029/87-473								
20	850-023-20-474	M39029/87-474	.025 .015	.041 .039	.094 .091	.032 .026	.048 .046	.015 max	.070 .068	.010 .005
	850-023-20-475	M39029/87-475								
	850-023-20-476	M39029/87-476								
	850-023-20-477	M39029/87-477								
16	850-023-16-478	M39029/87-478	.025 .020	.0635 .0615	.130 .127	.042 .036	.068 .066	.030 .011	.103 .101	.010 .005
	850-023-16-479	M39029/87-479								
	850-023-16-480	M39029/87-480								
	850-023-16-481	M39029/87-481								

TABLE I (Continued): CONTACT DIMENSIONS

Size	Glenair Part Number	Military Number	K	M	Color Bands			Material	Plating
					1st	2nd	3rd		
22	850-023-22-470	M39029/87-470	.157 .141	-	Yellow	Violet	Black	JN	None
	850-023-22-471	M39029/87-471			Yellow	Violet	Brown	KN	None
	850-023-22-472	M39029/87-472			Yellow	Violet	Red	KP	None
	850-023-22-473	M39029/87-473			Yellow	Violet	Orange	JP	Cadmium Plate*
20	850-023-20-474	M39029/87-474	.229 .209	.078 .072	Yellow	Violet	Yellow	JN	None
	850-023-20-475	M39029/87-475			Yellow	Violet	Green	KN	None
	850-023-20-476	M39029/87-476			Yellow	Violet	Blue	KP	None
	850-023-20-477	M39029/87-477			Yellow	Violet	Violet	JP	Cadmium Plate*
16	850-023-16-478	M39029/87-478	.229 .209	.088 .082	Yellow	Violet	Gray	JN	None
	850-023-16-479	M39029/87-479			Yellow	Violet	White	KN	None
	850-023-16-480	M39029/87-480			Yellow	Gray	Black	KP	None
	850-023-16-481	M39029/87-481			Yellow	Gray	Brown	JP	Cadmium Plate*

Per AS39029 spec, the composition designations have been changed as listed below:

*Chromate Clear Coat.

JN =Type J negative (formerly constantan) **KP** =Type K positive (formerly chromel)
KN =Type K negative (formerly alumel) **JP** =Type J positive (formerly iron)

TABLE II: TOOL COMPATIBILITY

Size	Glenair Part Number	Military Number	AWG Handling	Crimp Tool	Positioner	Insertion Tool	Extraction Tool
22	850-023-22-470	M39029/87-470	22, 24, 26, 28	M22520/2-01 M22520/7-01	M22520/2-09 M22520/7-07	M81969/14-01 M81969/8-01	M81969/14-01 M81969/8-02
	850-023-22-471	M39029/87-471					
	850-023-22-472	M39029/87-472					
	850-023-22-473	M39029/87-473					
20	850-023-20-474	M39029/87-474	20, 22, 24	M22520/7-01 M22520/2-01 M22520/1-01	M22520/7-08 M22520/2-10 M22520/1-04 (Red)	M81969/8-05 M81969/14-02	M81969/8-06 M81969/14-02
	850-023-20-475	M39029/87-475					
	850-023-20-476	M39029/87-476					
	850-023-20-477	M39029/87-477					
16	850-023-16-478	M39029/87-478	16, 18, 20	M22520/1-01 M22520/7-01	M22520/1-04 (Blue) M22520/7-04	M81969/8-07 M81969/14-03	M81969/8-08 M81969/14-03
	850-023-16-479	M39029/87-479					
	850-023-16-480	M39029/87-480					
	850-023-16-481	M39029/87-481					