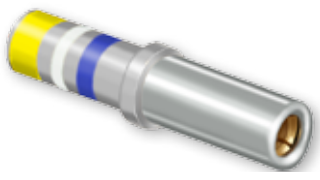


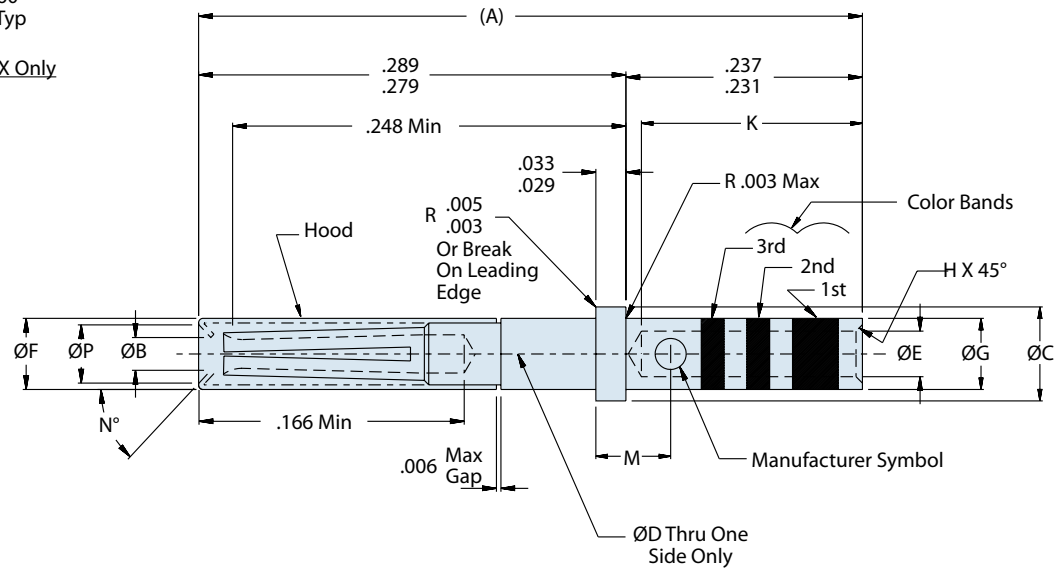
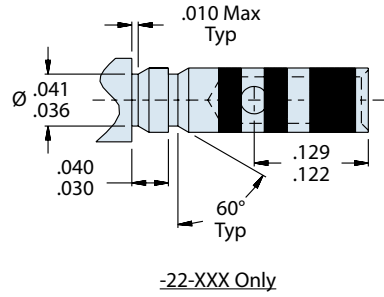


Thermocouple Socket Contact to Fit D38999 Series II Connectors



Mating End Size	Wire Accomodation	Military Part Number	Glenair Part Number
22	22-28 AWG	M39029/89-494	850-025-22-494
22	22-28 AWG	M39029/89-495	850-025-22-495
22	22-28 AWG	M39029/89-496	850-025-22-496
22	22-28 AWG	M39029/89-497	850-025-22-497
20	20-24 AWG	M39029/89-498	850-025-20-498
20	20-24 AWG	M39029/89-499	850-025-20-499
20	20-24 AWG	M39029/89-500	850-025-20-500
20	20-24 AWG	M39029/89-501	850-025-20-501
16	16-20 AWG	M39029/89-502	850-025-16-502
16	16-20 AWG	M39029/89-503	850-025-16-503
16	16-20 AWG	M39029/89-504	850-025-16-504
16	16-20 AWG	M39029/89-505	850-025-16-505

D



850-025
AS39029/89 Type
Thermocouple Socket Contact



Special Purpose

TABLE I: CONTACT DIMENSIONS

Size	Military Number	Glenair Part Number	A (ref)	ø B Min	ø C	ø D	ø E	ø F Max	ø G	H
22	M39029/89-494	850-025-22-494	.518	.031	.062 .060	.022 .018	.0355 .0335	.062	.048 .046	.005 .003
	M39029/89-495	850-025-22-495								
	M39029/89-496	850-025-22-496								
	M39029/89-497	850-025-22-497								
20	M39029/89-498	850-025-20-498	.518	.0415	.094 .091	.032 .026	.048 .046	.078	.070 .068	.010 .005
	M39029/89-499	850-025-20-499								
	M39029/89-500	850-025-20-500								
	M39029/89-501	850-025-20-501								
16	M39029/89-502	850-025-16-502	.518	.064	.130 .127	.042 .036	.068 .066	.113	.103 .101	.010 .005
	M39029/89-503	850-025-16-503								
	M39029/89-504	850-025-16-504								
	M39029/89-505	850-025-16-505								

TABLE I (Continued): CONTACT DIMENSIONS

Size	Military Number	Glenair Part Number	K Min	M	N°	øP Min	Color Bands			Material	Plating
							1st	2nd	3rd		
22	M39029/89-494	850-025-22-494	.141	-	50° 44°	.047	Yellow	White	Yellow	Constantan	None
	M39029/89-495	850-025-22-495					Yellow	White	Green	Alumel	None
	M39029/89-496	850-025-22-496					Yellow	White	Blue	Chromel	None
	M39029/89-497	850-025-22-497					Yellow	White	Violet	Iron	Cadmium Plate*
20	M39029/89-498	850-025-20-498	.209	.078 .072	47° 28°	.053	Yellow	White	Gray	Constantan	None
	M39029/89-499	850-025-20-499					Yellow	White	White	Alumel	None
	M39029/89-500	850-025-20-500					Green	Black	Black	Chromel	None
	M39029/89-501	850-025-20-501					Green	Black	Brown	Iron	Cadmium Plate*
16	M39029/89-502	850-025-16-502	.209	.088 .082	47° 28°	.084	Green	Black	Red	Constantan	None
	M39029/89-503	850-025-16-503					Green	Black	Orange	Alumel	None
	M39029/89-504	850-025-16-504					Green	Black	Yellow	Chromel	None
	M39029/89-505	850-025-16-505					Green	Black	Green	Iron	Cadmium Plate*

*Chromate Clear Coat.

TABLE II: TOOL COMPATIBILITY

Size	Military Number	Glenair Part Number	AWG Handling	Crimp Tool	Positioner	Insertion Tool	Extraction Tool
22	M39029/89-494	850-025-22-494	22, 24, 26	M22520/2-01 M22520/7-01	M22520/2-06 M22520//7-06	M81969/14-01 M81969/8-01	M81969/14-01 M81969/8-02
	M39029/89-495	850-025-22-495					
	M39029/89-496	850-025-22-496					
	M39029/89-497	850-025-22-497					
20	M39029/89-498	850-025-20-498	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
	M39029/89-499	850-025-20-499					
	M39029/89-500	850-025-20-500					
	M39029/89-501	850-025-20-501					
16	M39029/89-502	850-025-16-502	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
	M39029/89-503	850-025-16-503					
	M39029/89-504	850-025-16-504					
	M39029/89-505	850-025-16-505					

D

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