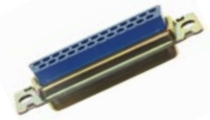




M39029/87-480



M39029/87 and M39029/89 Contacts Used with MIL-DTL-24308 Series Connectors

To Be Used With
MIL-DTL-24308 Connectors

Thermocouple Military Part Number	Contact Style	Contact Size		Color Bands			Material	Ins/Ext Tools (Plastic)	Sealing Plug
		Mating	Wire	1 st	2 nd	3 rd			
		End	Barrel	Top	Mid	Bottom			
M39029/87-470	Pin	22	22D	Yellow	Violet	Black	Constantan	M81969/14-01	MS27488-22-2
M39029/87-471	Pin	22	22D	Yellow	Violet	Brown	Alumel	M81969/14-01	MS27488-22-2
M39029/87-472	Pin	22	22D	Yellow	Violet	Red	Chromel	M81969/14-01	MS27488-22-2
M39029/87-473	Pin	22	22D	Yellow	Violet	Orange	Iron	M81969/14-01	MS27488-22-2
M39029/87-474	Pin	20	20	Yellow	Violet	Yellow	Constantan	M81969/14-02	MS27488-20-2
M39029/87-475	Pin	20	20	Yellow	Violet	Green	Alumel	M81969/14-02	MS27488-20-2
M39029/87-476	Pin	20	20	Yellow	Violet	Blue	Chromel	M81969/14-02	MS27488-20-2
M39029/87-477	Pin	20	20	Yellow	Violet	Violet	Iron	M81969/14-02	MS27488-20-2
M39029/87-478	Pin	16	16	Yellow	Violet	Gray	Constantan	M81969/14-03	MS27488-16-2
M39029/87-479	Pin	16	16	Yellow	Violet	White	Alumel	M81969/14-03	MS27488-16-2
M39029/87-480	Pin	16	16	Yellow	Gray	Black	Chromel	M81969/14-03	MS27488-16-2
M39029/87-481	Pin	16	16	Yellow	Gray	Brown	Iron	M81969/14-03	MS27488-16-2
M39029/89-494	Socket	22	22D	Yellow	White	Yellow	Constantan	M81969/14-01	MS27488-22-2
M39029/89-495	Socket	22	22D	Yellow	White	Green	Alumel	M81969/14-01	MS27488-22-2
M39029/89-496	Socket	22	22D	Yellow	White	Blue	Chromel	M81969/14-01	MS27488-22-2
M39029/89-497	Socket	22	22D	Yellow	White	Violet	Iron	M81969/14-01	MS27488-22-2
M39029/89-498	Socket	20	20	Yellow	White	Gray	Constantan	M81969/14-02	MS27488-20-2
M39029/89-499	Socket	20	20	Yellow	White	White	Alumel	M81969/14-02	MS27488-20-2
M39029/89-500	Socket	20	20	Green	Black	Black	Chromel	M81969/14-02	MS27488-20-2
M39029/89-501	Socket	20	20	Green	Black	Brown	Iron	M81969/14-02	MS27488-20-2
M39029/89-502	Socket	16	16	Green	Black	Red	Constantan	M81969/14-03	MS27488-16-2
M39029/89-503	Socket	16	16	Green	Black	Orange	Alumel	M81969/14-03	MS27488-16-2
M39029/89-504	Socket	16	16	Green	Black	Yellow	Chromel	M81969/14-03	MS27488-16-2
M39029/89-505	Socket	16	16	Green	Black	Green	Iron	M81969/14-03	MS27488-16-2



M39029/32-250



M39029/31 and M39029/32 Contacts Used with MIL-DTL-26482 Series I Connectors

To Be Used With
MIL-DTL-26482 Series I Connectors

Thermocouple Military Part Number	Contact Style	Contact Size		Color Bands			Material	Ins/Ext Tools (Plastic)	Sealing Plug
		Mating	Wire	1 st	2 nd	3 rd			
		End	Barrel	Top	Mid	Bottom			
M39029/31-224	Pin	20	20	Red	Red	Yellow	Iron	M81969/17-03	MS27488-20-2
M39029/31-225	Pin	20	20	Red	Red	Green	Chromel	M81969/17-03	MS27488-20-2
M39029/31-226	Pin	20	20	Red	Red	Blue	Alumel	M81969/17-03	MS27488-20-2
M39029/31-227	Pin	20	20	Red	Red	Violet	Constantan	M81969/17-03	MS27488-20-2
M39029/31-230	Pin	16	16	Red	Orange	Black	Iron	M81969/17-04	MS27488-16-2
M39029/31-231	Pin	16	16	Red	Orange	Brown	Chromel	M81969/17-04	MS27488-16-2
M39029/31-232	Pin	16	16	Red	Orange	Red	Alumel	M81969/17-04	MS27488-16-2
M39029/31-233	Pin	16	16	Red	Orange	Orange	Constantan	M81969/17-04	MS27488-16-2
M39029/31-236	Pin	12	12	Red	Orange	Blue	Iron	M81969/17-05	MS27488-12-2
M39029/31-237	Pin	12	12	Red	Orange	Violet	Chromel	M81969/17-05	MS27488-12-2
M39029/31-238	Pin	12	12	Red	Orange	Gray	Alumel	M81969/17-05	MS27488-12-2
M39029/31-239	Pin	12	12	Red	Orange	White	Constantan	M81969/17-05	MS27488-12-2
M39029/32-243	Socket	20	20	Red	Yellow	Orange	Iron	M81969/14-02	MS27488-20-2
M39029/32-244	Socket	20	20	Red	Yellow	Yellow	Chromel	M81969/14-02	MS27488-20-2
M39029/32-245	Socket	20	20	Red	Yellow	Green	Alumel	M81969/14-02	MS27488-20-2
M39029/32-246	Socket	20	20	Red	Yellow	Blue	Constantan	M81969/14-02	MS27488-20-2
M39029/32-249	Socket	16	16	Red	Yellow	White	Iron	M81969/14-03	MS27488-16-2
M39029/32-250	Socket	16	16	Red	Green	Black	Chromel	M81969/14-03	MS27488-16-2
M39029/32-251	Socket	16	16	Red	Green	Brown	Alumel	M81969/14-03	MS27488-16-2
M39029/32-252	Socket	16	16	Red	Green	Red	Constantan	M81969/14-03	MS27488-16-2
M39029/32-255	Socket	12	12	Red	Green	Green	Iron	M81969/14-04	MS27488-12-2
M39029/32-256	Socket	12	12	Red	Green	Blue	Chromel	M81969/14-04	MS27488-12-2
M39029/32-257	Socket	12	12	Red	Green	Violet	Alumel	M81969/14-04	MS27488-12-2
M39029/32-258	Socket	12	12	Red	Green	Gray	Constantan	M81969/14-04	MS27488-12-2



M39029/9-516



M39029/9 and M39029/10 Contacts Used with MIL-DTL-26482 Series II Connectors

To Be Used With
MIL-DTL-26482 Series II Connectors

Thermocouple Military Part Number	Contact Style	Contact Size		Color Bands			Material	Ins/Ext Tools (Plastic)	Sealing Plug
		Mating	Wire	1 st	2 nd	3 rd			
		End	Barrel	Top	Mid	Bottom			
M39029/9-132	Pin	20	20	Brown	Orange	Red	Copper	M81969/14-02	MS27488-20-2
M39029/9-133	Pin	20	20	Brown	Orange	Orange	Constantan	M81969/14-02	MS27488-20-2
M39029/9-134	Pin	20	20	Brown	Orange	Yellow	Alumel	M81969/14-02	MS27488-20-2
M39029/9-135	Pin	20	20	Brown	Orange	Green	Chromel	M81969/14-02	MS27488-20-2
M39029/9-136	Pin	20	20	Brown	Orange	Blue	Iron	M81969/14-02	MS27488-20-2
M39029/9-514	Pin	16	16	Green	Brown	Yellow	Copper	M81969/14-03	MS27488-16-2
M39029/9-515	Pin	16	16	Green	Brown	Green	Constantan	M81969/14-03	MS27488-16-2
M39029/9-516	Pin	16	16	Green	Brown	Blue	Alumel	M81969/14-03	MS27488-16-2
M39029/9-517	Pin	16	16	Green	Brown	Violet	Chromel	M81969/14-03	MS27488-16-2
M39029/9-518	Pin	16	16	Green	Brown	Gray	Iron	M81969/14-03	MS27488-16-2
M39029/10-138	Socket	20	20	Brown	Orange	Gray	Copper	M81969/14-02	MS27488-20-2
M39029/10-139	Socket	20	20	Brown	Orange	White	Constantan	M81969/14-02	MS27488-20-2
M39029/10-140	Socket	20	20	Brown	Yellow	Black	Alumel	M81969/14-02	MS27488-20-2
M39029/10-141	Socket	20	20	Brown	Yellow	Brown	Chromel	M81969/14-02	MS27488-20-2
M39029/10-142	Socket	20	20	Brown	Yellow	Red	Iron	M81969/14-02	MS27488-20-2
M39029/10-519	Socket	16	16	Green	Brown	White	Copper	M81969/14-03	MS27488-16-2
M39029/10-520	Socket	16	16	Green	Red	Black	Constantan	M81969/14-03	MS27488-16-2
M39029/10-521	Socket	16	16	Green	Red	Brown	Alumel	M81969/14-03	MS27488-16-2
M39029/10-522	Socket	16	16	Green	Red	Red	Chromel	M81969/14-03	MS27488-16-2
M39029/10-523	Socket	16	16	Green	Red	Orange	Iron	M81969/14-03	MS27488-16-2



M39029/31-232



M39029/31 and M39029/32 Contacts Used with MIL-DTL-26500 Series Connectors

To Be Used With
MIL-DTL-26500 Connectors

Thermocouple Military Part Number	Contact Style	Contact Size		Color Bands			Material	Ins/Ext Tools (Plastic)	Sealing Plug
		Mating	Wire	1 st	2 nd	3 rd			
		End	Barrel	Top	Mid	Bottom			
M39029/31-224	Pin	20	20	Red	Red	Orange	Iron	M81969/17-03	MS27488-20-2
M39029/31-225	Pin	20	20	Red	Red	Green	Chromel	M81969/17-03	MS27488-20-2
M39029/31-226	Pin	20	20	Red	Red	Blue	Alumel	M81969/17-03	MS27488-20-2
M39029/31-227	Pin	20	20	Red	Red	Violet	Constantan	M81969/17-03	MS27488-20-2
M39029/31-230	Pin	16	16	Red	Orange	Black	Iron	M81969/17-04	MS27488-16-2
M39029/31-231	Pin	16	16	Red	Orange	Brown	Chromel	M81969/17-04	MS27488-16-2
M39029/31-232	Pin	16	16	Red	Orange	Red	Alumel	M81969/17-04	MS27488-16-2
M39029/31-233	Pin	16	16	Red	Orange	Orange	Constantan	M81969/17-04	MS27488-16-2
M39029/31-236	Pin	12	12	Red	Orange	Blue	Iron	M81969/17-05	MS27488-12-2
M39029/31-237	Pin	12	12	Red	Orange	Violet	Chromel	M81969/17-05	MS27488-12-2
M39029/31-238	Pin	12	12	Red	Orange	Gray	Alumel	M81969/17-05	MS27488-12-2
M39029/31-239	Pin	12	12	Red	Orange	White	Constantan	M81969/17-05	MS27488-12-2
M39029/32-243	Socket	20	20	Red	Yellow	Orange	Iron	M81969/14-02	MS27488-20-2
M39029/32-244	Socket	20	20	Red	Yellow	Yellow	Chromel	M81969/14-02	MS27488-20-2
M39029/32-245	Socket	20	20	Red	Yellow	Green	Alumel	M81969/14-02	MS27488-20-2
M39029/32-246	Socket	20	20	Red	Yellow	Blue	Constantan	M81969/14-02	MS27488-20-2
M39029/32-249	Socket	16	16	Red	Yellow	White	Iron	M81969/14-03	MS27488-16-2
M39029/32-250	Socket	16	16	Red	Green	Black	Chromel	M81969/14-03	MS27488-16-2
M39029/32-251	Socket	16	16	Red	Green	Brown	Alumel	M81969/14-03	MS27488-16-2
M39029/32-252	Socket	16	16	Red	Green	Red	Constantan	M81969/14-03	MS27488-16-2
M39029/32-255	Socket	12	12	Red	Green	Green	Iron	M81969/14-04	MS27488-12-2
M39029/32-256	Socket	12	12	Red	Green	Blue	Chromel	M81969/14-04	MS27488-12-2
M39029/32-257	Socket	12	12	Red	Green	Violet	Alumel	M81969/14-04	MS27488-12-2
M39029/32-258	Socket	12	12	Red	Green	Gray	Constantan	M81969/14-04	MS27488-12-2



M39029/88-492



M39029/87 and M39029/88 Contacts Used with MIL-DTL-38999 Series I Connectors

To Be Used With
MIL-DTL-38999 Series I Connectors

Thermocouple Military Part Number	Contact Style	Contact Size		Color Bands			Material	Ins/Ext Tools (Plastic)	Sealing Plug
		Mating	Wire	1 st	2 nd	3 rd			
		End	Barrel	Top	Mid	Bottom			
M39029/87-470	Pin	22	22D	Yellow	Violet	Black	Constantan	M81969/14-01	MS27488-22-2
M39029/87-471	Pin	22	22D	Yellow	Violet	Brown	Alumel	M81969/14-01	MS27488-22-2
M39029/87-472	Pin	22	22D	Yellow	Violet	Red	Chromel	M81969/14-01	MS27488-22-2
M39029/87-473	Pin	22	22D	Yellow	Violet	Orange	Iron	M81969/14-01	MS27488-22-2
M39029/87-474	Pin	20	20	Yellow	Violet	Yellow	Constantan	M81969/14-02	MS27488-20-2
M39029/87-475	Pin	20	20	Yellow	Violet	Green	Alumel	M81969/14-02	MS27488-20-2
M39029/87-476	Pin	20	20	Yellow	Violet	Blue	Chromel	M81969/14-02	MS27488-20-2
M39029/87-477	Pin	20	20	Yellow	Violet	Violet	Iron	M81969/14-02	MS27488-20-2
M39029/87-478	Pin	16	16	Yellow	Violet	Gray	Constantan	M81969/14-03	MS27488-16-2
M39029/87-479	Pin	16	16	Yellow	Violet	White	Alumel	M81969/14-03	MS27488-16-2
M39029/87-480	Pin	16	16	Yellow	Gray	Black	Chromel	M81969/14-03	MS27488-16-2
M39029/87-481	Pin	16	16	Yellow	Gray	Brown	Iron	M81969/14-03	MS27488-16-2
M39029/88-482	Socket	22	22D	Yellow	Gray	Red	Constantan	M81969/14-01	MS27488-22-2
M39029/88-483	Socket	22	22D	Yellow	Gray	Orange	Alumel	M81969/14-01	MS27488-22-2
M39029/88-484	Socket	22	22D	Yellow	Gray	Yellow	Chromel	M81969/14-01	MS27488-22-2
M39029/88-485	Socket	22	22D	Yellow	Gray	Green	Iron	M81969/14-01	MS27488-22-2
M39029/88-486	Socket	20	20	Yellow	Gray	Blue	Constantan	M81969/14-02	MS27488-20-2
M39029/88-487	Socket	20	20	Yellow	Gray	Violet	Alumel	M81969/14-02	MS27488-20-2
M39029/88-488	Socket	20	20	Yellow	Gray	Gray	Chromel	M81969/14-02	MS27488-20-2
M39029/88-489	Socket	20	20	Yellow	Gray	White	Iron	M81969/14-02	MS27488-20-2
M39029/88-490	Socket	16	16	Yellow	White	Black	Constantan	M81969/14-03	MS27488-16-2
M39029/88-491	Socket	16	16	Yellow	White	Brown	Alumel	M81969/14-03	MS27488-16-2
M39029/88-492	Socket	16	16	Yellow	White	Red	Chromel	M81969/14-03	MS27488-16-2
M39029/88-493	Socket	16	16	Yellow	White	Orange	Iron	M81969/14-03	MS27488-16-2



M39029/87-480



M39029/87 and M39029/89 Contacts Used with MIL-DTL-38999 Series II Connectors

To Be Used With
MIL-DTL-38999 Series II Connectors

Thermocouple Military Part Number	Contact Style	Contact Size		Color Bands			Material	Ins/Ext Tools (Plastic)	Sealing Plug
		Mating	Wire	1 st	2 nd	3 rd			
		End	Barrel	Top	Mid	Bottom			
M39029/87-470	Pin	22	22D	Yellow	Violet	Black	Constantan	M81969/14-01	MS27488-22-2
M39029/87-471	Pin	22	22D	Yellow	Violet	Brown	Alumel	M81969/14-01	MS27488-22-2
M39029/87-472	Pin	22	22D	Yellow	Violet	Red	Chromel	M81969/14-01	MS27488-22-2
M39029/87-473	Pin	22	22D	Yellow	Violet	Orange	Iron	M81969/14-01	MS27488-22-2
M39029/87-474	Pin	20	20	Yellow	Violet	Yellow	Constantan	M81969/14-02	MS27488-20-2
M39029/87-475	Pin	20	20	Yellow	Violet	Green	Alumel	M81969/14-02	MS27488-20-2
M39029/87-476	Pin	20	20	Yellow	Violet	Blue	Chromel	M81969/14-02	MS27488-20-2
M39029/87-477	Pin	20	20	Yellow	Violet	Violet	Iron	M81969/14-02	MS27488-20-2
M39029/87-478	Pin	16	16	Yellow	Violet	Gray	Constantan	M81969/14-03	MS27488-16-2
M39029/87-479	Pin	16	16	Yellow	Violet	White	Alumel	M81969/14-03	MS27488-16-2
M39029/87-480	Pin	16	16	Yellow	Gray	Black	Chromel	M81969/14-03	MS27488-16-2
M39029/87-481	Pin	16	16	Yellow	Gray	Brown	Iron	M81969/14-03	MS27488-16-2
M39029/89-494	Socket	22	22D	Yellow	White	Yellow	Constantan	M81969/14-01	MS27488-22-2
M39029/89-495	Socket	22	22D	Yellow	White	Green	Alumel	M81969/14-01	MS27488-22-2
M39029/89-496	Socket	22	22D	Yellow	White	Blue	Chromel	M81969/14-01	MS27488-22-2
M39029/89-497	Socket	22	22D	Yellow	White	Violet	Iron	M81969/14-01	MS27488-22-2
M39029/89-498	Socket	20	20	Yellow	White	Gray	Constantan	M81969/14-02	MS27488-20-2
M39029/89-499	Socket	20	20	Yellow	White	White	Alumel	M81969/14-02	MS27488-20-2
M39029/89-500	Socket	20	20	Green	Black	Black	Chromel	M81969/14-02	MS27488-20-2
M39029/89-501	Socket	20	20	Green	Black	Brown	Iron	M81969/14-02	MS27488-20-2
M39029/89-502	Socket	16	16	Green	Black	Red	Constantan	M81969/14-03	MS27488-16-2
M39029/89-503	Socket	16	16	Green	Black	Orange	Alumel	M81969/14-03	MS27488-16-2
M39029/89-504	Socket	16	16	Green	Black	Yellow	Chromel	M81969/14-03	MS27488-16-2
M39029/89-505	Socket	16	16	Green	Black	Green	Iron	M81969/14-03	MS27488-16-2



M39029/88-492



M39029/87 and M39029/88 Contacts Used with MIL-DTL-38999 Series III Connectors

To Be Used With
MIL-DTL-38999 Series III Connectors

Thermocouple Military Part Number	Contact Style	Contact Size		Color Bands			Material	Ins/Ext Tools (Plastic)	Sealing Plug
		Mating	Wire	1 st	2 nd	3 rd			
		End	Barrel	Top	Mid	Bottom			
M39029/87-470	Pin	22	22D	Yellow	Violet	Black	Constantan	M81969/14-01	MS27488-22-2
M39029/87-471	Pin	22	22D	Yellow	Violet	Brown	Alumel	M81969/14-01	MS27488-22-2
M39029/87-472	Pin	22	22D	Yellow	Violet	Red	Chromel	M81969/14-01	MS27488-22-2
M39029/87-473	Pin	22	22D	Yellow	Violet	Orange	Iron	M81969/14-01	MS27488-22-2
M39029/87-474	Pin	20	20	Yellow	Violet	Yellow	Constantan	M81969/14-02	MS27488-20-2
M39029/87-475	Pin	20	20	Yellow	Violet	Green	Alumel	M81969/14-02	MS27488-20-2
M39029/87-476	Pin	20	20	Yellow	Violet	Blue	Chromel	M81969/14-02	MS27488-20-2
M39029/87-477	Pin	20	20	Yellow	Violet	Violet	Iron	M81969/14-02	MS27488-20-2
M39029/87-478	Pin	16	16	Yellow	Violet	Gray	Constantan	M81969/14-03	MS27488-16-2
M39029/87-479	Pin	16	16	Yellow	Violet	White	Alumel	M81969/14-03	MS27488-16-2
M39029/87-480	Pin	16	16	Yellow	Gray	Black	Chromel	M81969/14-03	MS27488-16-2
M39029/87-481	Pin	16	16	Yellow	Gray	Brown	Iron	M81969/14-03	MS27488-16-2
M39029/88-482	Socket	22	22D	Yellow	Gray	Red	Constantan	M81969/14-01	MS27488-22-2
M39029/88-483	Socket	22	22D	Yellow	Gray	Orange	Alumel	M81969/14-01	MS27488-22-2
M39029/88-484	Socket	22	22D	Yellow	Gray	Yellow	Chromel	M81969/14-01	MS27488-22-2
M39029/88-485	Socket	22	22D	Yellow	Gray	Green	Iron	M81969/14-01	MS27488-22-2
M39029/88-486	Socket	20	20	Yellow	Gray	Blue	Constantan	M81969/14-02	MS27488-20-2
M39029/88-487	Socket	20	20	Yellow	Gray	Violet	Alumel	M81969/14-02	MS27488-20-2
M39029/88-488	Socket	20	20	Yellow	Gray	Gray	Chromel	M81969/14-02	MS27488-20-2
M39029/88-489	Socket	20	20	Yellow	Gray	White	Iron	M81969/14-02	MS27488-20-2
M39029/88-490	Socket	16	16	Yellow	White	Black	Constantan	M81969/14-03	MS27488-16-2
M39029/88-491	Socket	16	16	Yellow	White	Brown	Alumel	M81969/14-03	MS27488-16-2
M39029/88-492	Socket	16	16	Yellow	White	Red	Chromel	M81969/14-03	MS27488-16-2
M39029/88-493	Socket	16	16	Yellow	White	Orange	Iron	M81969/14-03	MS27488-16-2



M39029/88-492



M39029/87 and M39029/88 Contacts Used with MIL-DTL-38999 Series IV Connectors

To Be Used With
MIL-DTL-38999 Series IV Connectors

Thermocouple Military Part Number	Contact Style	Contact Size		Color Bands			Material	Ins/Ext Tools (Plastic)	Sealing Plug
		Mating	Wire	1 st	2 nd	3 rd			
		End	Barrel	Top	Mid	Bottom			
M39029/87-470	Pin	22	22D	Yellow	Violet	Black	Constantan	M81969/14-01	MS27488-22-2
M39029/87-471	Pin	22	22D	Yellow	Violet	Brown	Alumel	M81969/14-01	MS27488-22-2
M39029/87-472	Pin	22	22D	Yellow	Violet	Red	Chromel	M81969/14-01	MS27488-22-2
M39029/87-473	Pin	22	22D	Yellow	Violet	Orange	Iron	M81969/14-01	MS27488-22-2
M39029/87-474	Pin	20	20	Yellow	Violet	Yellow	Constantan	M81969/14-02	MS27488-20-2
M39029/87-475	Pin	20	20	Yellow	Violet	Green	Alumel	M81969/14-02	MS27488-20-2
M39029/87-476	Pin	20	20	Yellow	Violet	Blue	Chromel	M81969/14-02	MS27488-20-2
M39029/87-477	Pin	20	20	Yellow	Violet	Violet	Iron	M81969/14-02	MS27488-20-2
M39029/87-478	Pin	16	16	Yellow	Violet	Gray	Constantan	M81969/14-03	MS27488-16-2
M39029/87-479	Pin	16	16	Yellow	Violet	White	Alumel	M81969/14-03	MS27488-16-2
M39029/87-480	Pin	16	16	Yellow	Gray	Black	Chromel	M81969/14-03	MS27488-16-2
M39029/87-481	Pin	16	16	Yellow	Gray	Brown	Iron	M81969/14-03	MS27488-16-2
M39029/88-482	Socket	22	22D	Yellow	Gray	Red	Constantan	M81969/14-01	MS27488-22-2
M39029/88-483	Socket	22	22D	Yellow	Gray	Orange	Alumel	M81969/14-01	MS27488-22-2
M39029/88-484	Socket	22	22D	Yellow	Gray	Yellow	Chromel	M81969/14-01	MS27488-22-2
M39029/88-485	Socket	22	22D	Yellow	Gray	Green	Iron	M81969/14-01	MS27488-22-2
M39029/88-486	Socket	20	20	Yellow	Gray	Blue	Constantan	M81969/14-02	MS27488-20-2
M39029/88-487	Socket	20	20	Yellow	Gray	Violet	Alumel	M81969/14-02	MS27488-20-2
M39029/88-488	Socket	20	20	Yellow	Gray	Gray	Chromel	M81969/14-02	MS27488-20-2
M39029/88-489	Socket	20	20	Yellow	Gray	White	Iron	M81969/14-02	MS27488-20-2
M39029/88-490	Socket	16	16	Yellow	White	Black	Constantan	M81969/14-03	MS27488-16-2
M39029/88-491	Socket	16	16	Yellow	White	Brown	Alumel	M81969/14-03	MS27488-16-2
M39029/88-492	Socket	16	16	Yellow	White	Red	Chromel	M81969/14-03	MS27488-16-2
M39029/88-493	Socket	16	16	Yellow	White	Orange	Iron	M81969/14-03	MS27488-16-2



M39029/85-456



M39029/85 and M39029/86 Contacts Used with MIL-DTL-5015 Series Connectors

To Be Used With
MIL-DTL-5015 Connectors

Thermocouple Military Part Number	Contact Style	Contact Size		Color Bands			Material	Ins/Ext Tools (Plastic)	Sealing Plug
		Mating	Wire	1 st	2 nd	3 rd			
		End	Barrel	Top	Mid	Bottom			
M39029/85-454	Pin	16	16	Yellow	Green	Yellow	Constantan	M81969/14-03	MS27488-16-3
M39029/85-455	Pin	16	16	Yellow	Green	Green	Alumel	M81969/14-03	MS27488-16-3
M39029/85-456	Pin	16	16	Yellow	Green	Blue	Chromel	M81969/14-03	MS27488-16-3
M39029/85-457	Pin	16	16	Yellow	Green	Violet	Iron	M81969/14-03	MS27488-16-3
M39029/85-458	Pin	12	12	Yellow	Green	Gray	Constantan	M81969/14-04	MS27488-12-3
M39029/85-459	Pin	12	12	Yellow	Green	White	Alumel	M81969/14-04	MS27488-12-3
M39029/85-460	Pin	12	12	Yellow	Blue	Black	Chromel	M81969/14-04	MS27488-12-3
M39029/85-461	Pin	12	12	Yellow	Blue	Brown	Iron	M81969/14-04	MS27488-12-3
M39029/86-462	Socket	16	16	Yellow	Blue	Red	Constantan	M81969/14-03	MS27488-16-3
M39029/86-463	Socket	16	16	Yellow	Blue	Orange	Alumel	M81969/14-03	MS27488-16-3
M39029/86-464	Socket	16	16	Yellow	Blue	Yellow	Chromel	M81969/14-03	MS27488-16-3
M39029/86-465	Socket	16	16	Yellow	Blue	Green	Iron	M81969/14-03	MS27488-16-3
M39029/86-466	Socket	12	12	Yellow	Blue	Blue	Constantan	M81969/14-04	MS27488-12-3
M39029/86-467	Socket	12	12	Yellow	Blue	Violet	Alumel	M81969/14-04	MS27488-12-3
M39029/86-468	Socket	12	12	Yellow	Blue	Gray	Chromel	M81969/14-04	MS27488-12-3
M39029/86-469	Socket	12	12	Yellow	Blue	White	Iron	M81969/14-04	MS27488-12-3
M39029/86-510	Socket	16S	16	Green	Brown	Black	Constantan	M81969/14-03	MS27488-16-3
M39029/86-511	Socket	16S	16	Green	Brown	Brown	Alumel	M81969/14-03	MS27488-16-3
M39029/86-512	Socket	16S	16	Green	Brown	Red	Chromel	M81969/14-03	MS27488-16-3
M39029/86-513	Socket	16S	16	Green	Brown	Orange	Iron	M81969/14-03	MS27488-16-3



M39029/10-521



M39029/9 and M39029/10 Contacts Used with MIL-DTL-83723 Series I Connectors

To Be Used With
MIL-DTL-83723 Series I Connectors

Thermocouple Military Part Number	Contact Style	Contact Size		Color Bands			Material	Ins/Ext Tools (Plastic)	Sealing Plug
		Mating	Wire	1 st	2 nd	3 rd			
		End	Barrel	Top	Mid	Bottom			
M39029/9-132	Pin	20	20	Brown	Orange	Red	Copper	M81969/14-02	MS27488-20-2
M39029/9-133	Pin	20	20	Brown	Orange	Orange	Constantan	M81969/14-02	MS27488-20-2
M39029/9-134	Pin	20	20	Brown	Orange	Yellow	Alumel	M81969/14-02	MS27488-20-2
M39029/9-135	Pin	20	20	Brown	Orange	Green	Chromel	M81969/14-02	MS27488-20-2
M39029/9-136	Pin	20	20	Brown	Orange	Blue	Iron	M81969/14-02	MS27488-20-2
M39029/9-514	Pin	16	16	Green	Brown	Yellow	Copper	M81969/14-03	MS27488-16-2
M39029/9-515	Pin	16	16	Green	Brown	Green	Constantan	M81969/14-03	MS27488-16-2
M39029/9-516	Pin	16	16	Green	Brown	Blue	Alumel	M81969/14-03	MS27488-16-2
M39029/9-517	Pin	16	16	Green	Brown	Violet	Chromel	M81969/14-03	MS27488-16-2
M39029/9-518	Pin	16	16	Green	Brown	Gray	Iron	M81969/14-03	MS27488-16-2
M39029/10-138	Socket	20	20	Brown	Orange	Gray	Copper	M81969/14-02	MS27488-20-2
M39029/10-139	Socket	20	20	Brown	Orange	White	Constantan	M81969/14-02	MS27488-20-2
M39029/10-140	Socket	20	20	Brown	Yellow	Black	Alumel	M81969/14-02	MS27488-20-2
M39029/10-141	Socket	20	20	Brown	Yellow	Brown	Chromel	M81969/14-02	MS27488-20-2
M39029/10-142	Socket	20	20	Brown	Yellow	Red	Iron	M81969/14-02	MS27488-20-2
M39029/10-519	Socket	16	16	Green	Brown	White	Copper	M81969/14-03	MS27488-16-2
M39029/10-520	Socket	16	16	Green	Red	Black	Constantan	M81969/14-03	MS27488-16-2
M39029/10-521	Socket	16	16	Green	Red	Brown	Alumel	M81969/14-03	MS27488-16-2
M39029/10-522	Socket	16	16	Green	Red	Red	Chromel	M81969/14-03	MS27488-16-2
M39029/10-523	Socket	16	16	Green	Red	Orange	Iron	M81969/14-03	MS27488-16-2



M39029/85-456



M39029/85 and M39029/86 Contacts Used with MIL-DTL-83723 Series II Connectors

To Be Used With
MIL-DTL-83723 Series II Connectors

Thermocouple Military Part Number	Contact Style	Contact Size		Color Bands			Material	Ins/Ext Tools (Plastic)	Sealing Plug
		Mating	Wire	1 st	2 nd	3 rd			
		End	Barrel	Top	Mid	Bottom			
M39029/85-454	Pin	16	16	Yellow	Green	Yellow	Constantan	M81969/14-03	MS27488-16-2
M39029/85-455	Pin	16	16	Yellow	Green	Green	Alumel	M81969/14-03	MS27488-16-2
M39029/85-456	Pin	16	16	Yellow	Green	Blue	Chromel	M81969/14-03	MS27488-16-2
M39029/85-457	Pin	16	16	Yellow	Green	Violet	Iron	M81969/14-03	MS27488-16-2
M39029/85-458	Pin	12	12	Yellow	Green	Gray	Constantan	M81969/14-04	MS27488-12-2
M39029/85-459	Pin	12	12	Yellow	Green	White	Alumel	M81969/14-04	MS27488-12-2
M39029/85-460	Pin	12	12	Yellow	Blue	Black	Chromel	M81969/14-04	MS27488-12-2
M39029/85-461	Pin	12	12	Yellow	Blue	Brown	Iron	M81969/14-04	MS27488-12-2
M39029/86-462	Socket	16	16	Yellow	Blue	Red	Constantan	M81969/14-03	MS27488-16-2
M39029/86-463	Socket	16	16	Yellow	Blue	Orange	Alumel	M81969/14-03	MS27488-16-2
M39029/86-464	Socket	16	16	Yellow	Blue	Yellow	Chromel	M81969/14-03	MS27488-16-2
M39029/86-465	Socket	16	16	Yellow	Blue	Green	Iron	M81969/14-03	MS27488-16-2
M39029/86-466	Socket	12	12	Yellow	Blue	Blue	Constantan	M81969/14-04	MS27488-12-2
M39029/86-467	Socket	12	12	Yellow	Blue	Violet	Alumel	M81969/14-04	MS27488-12-2
M39029/86-468	Socket	12	12	Yellow	Blue	Gray	Chromel	M81969/14-04	MS27488-12-2
M39029/86-469	Socket	12	12	Yellow	Blue	White	Iron	M81969/14-04	MS27488-12-2
M39029/86-510	Socket	16S	16	Green	Brown	Black	Constantan	M81969/14-03	MS27488-16-2
M39029/86-511	Socket	16S	16	Green	Brown	Brown	Alumel	M81969/14-03	MS27488-16-2
M39029/86-512	Socket	16S	16	Green	Brown	Red	Chromel	M81969/14-03	MS27488-16-2
M39029/86-513	Socket	16S	16	Green	Brown	Orange	Iron	M81969/14-03	MS27488-16-2



M39029/9-516



M39029/9 and M39029/10 Contacts Used with MIL-DTL-83723 Series III Connectors

To Be Used With
MIL-DTL-83723 Series III Connectors

Thermocouple Military Part Number	Contact Style	Contact Size		Color Bands			Material	Ins/Ext Tools (Plastic)	Sealing Plug
		Mating	Wire	1 st	2 nd	3 rd			
		End	Barrel	Top	Mid	Bottom			
M39029/9-132	Pin	20	20	Brown	Orange	Red	Copper	M81969/14-02	MS27488-20-2
M39029/9-133	Pin	20	20	Brown	Orange	Orange	Constantan	M81969/14-02	MS27488-20-2
M39029/9-134	Pin	20	20	Brown	Orange	Yellow	Alumel	M81969/14-02	MS27488-20-2
M39029/9-135	Pin	20	20	Brown	Orange	Green	Chromel	M81969/14-02	MS27488-20-2
M39029/9-136	Pin	20	20	Brown	Orange	Blue	Iron	M81969/14-02	MS27488-20-2
M39029/9-514	Pin	16	16	Green	Brown	Yellow	Copper	M81969/14-03	MS27488-16-2
M39029/9-515	Pin	16	16	Green	Brown	Green	Constantan	M81969/14-03	MS27488-16-2
M39029/9-516	Pin	16	16	Green	Brown	Blue	Alumel	M81969/14-03	MS27488-16-2
M39029/9-517	Pin	16	16	Green	Brown	Violet	Chromel	M81969/14-03	MS27488-16-2
M39029/9-518	Pin	16	16	Green	Brown	Gray	Iron	M81969/14-03	MS27488-16-2
M39029/10-138	Socket	20	20	Brown	Orange	Gray	Copper	M81969/14-02	MS27488-20-2
M39029/10-139	Socket	20	20	Brown	Orange	White	Constantan	M81969/14-02	MS27488-20-2
M39029/10-140	Socket	20	20	Brown	Yellow	Black	Alumel	M81969/14-02	MS27488-20-2
M39029/10-141	Socket	20	20	Brown	Yellow	Brown	Chromel	M81969/14-02	MS27488-20-2
M39029/10-142	Socket	20	20	Brown	Yellow	Red	Iron	M81969/14-02	MS27488-20-2
M39029/10-519	Socket	16	16	Green	Brown	White	Copper	M81969/14-03	MS27488-16-2
M39029/10-520	Socket	16	16	Green	Red	Black	Constantan	M81969/14-03	MS27488-16-2
M39029/10-521	Socket	16	16	Green	Red	Brown	Alumel	M81969/14-03	MS27488-16-2
M39029/10-522	Socket	16	16	Green	Red	Red	Chromel	M81969/14-03	MS27488-16-2
M39029/10-523	Socket	16	16	Green	Red	Orange	Iron	M81969/14-03	MS27488-16-2



M39029/10-521



M39029/9 and M39029/10 Contacts Used with MIL-DTL-83733 Series Connectors

To Be Used With
Mil-DTL-83733 Series Connectors

Thermocouple Military Part Number	Contact Style	Contact Size		Color Bands			Material	Ins/Ext Tools (Plastic)	Sealing Plug
		Mating	Wire	1 st	2 nd	3 rd			
		End	Barrel	Top	Mid	Bottom			
M39029/9-132	Pin	20	20	Brown	Orange	Red	Copper	M81969/14-02	MS27488-20-2
M39029/9-133	Pin	20	20	Brown	Orange	Orange	Constantan	M81969/14-02	MS27488-20-2
M39029/9-134	Pin	20	20	Brown	Orange	Yellow	Alumel	M81969/14-02	MS27488-20-2
M39029/9-135	Pin	20	20	Brown	Orange	Green	Chromel	M81969/14-02	MS27488-20-2
M39029/9-136	Pin	20	20	Brown	Orange	Blue	Iron	M81969/14-02	MS27488-20-2
M39029/9-514	Pin	16	16	Green	Brown	Yellow	Copper	M81969/14-03	MS27488-16-2
M39029/9-515	Pin	16	16	Green	Brown	Green	Constantan	M81969/14-03	MS27488-16-2
M39029/9-516	Pin	16	16	Green	Brown	Blue	Alumel	M81969/14-03	MS27488-16-2
M39029/9-517	Pin	16	16	Green	Brown	Violet	Chromel	M81969/14-03	MS27488-16-2
M39029/9-518	Pin	16	16	Green	Brown	Gray	Iron	M81969/14-03	MS27488-16-2
M39029/10-138	Socket	20	20	Brown	Orange	Gray	Copper	M81969/14-02	MS27488-20-2
M39029/10-139	Socket	20	20	Brown	Orange	White	Constantan	M81969/14-02	MS27488-20-2
M39029/10-140	Socket	20	20	Brown	Yellow	Black	Alumel	M81969/14-02	MS27488-20-2
M39029/10-141	Socket	20	20	Brown	Yellow	Brown	Chromel	M81969/14-02	MS27488-20-2
M39029/10-142	Socket	20	20	Brown	Yellow	Red	Iron	M81969/14-02	MS27488-20-2
M39029/10-519	Socket	16	16	Green	Brown	White	Copper	M81969/14-03	MS27488-16-2
M39029/10-520	Socket	16	16	Green	Red	Black	Constantan	M81969/14-03	MS27488-16-2
M39029/10-521	Socket	16	16	Green	Red	Brown	Alumel	M81969/14-03	MS27488-16-2
M39029/10-522	Socket	16	16	Green	Red	Red	Chromel	M81969/14-03	MS27488-16-2
M39029/10-523	Socket	16	16	Green	Red	Orange	Iron	M81969/14-03	MS27488-16-2



M39029/87-480



M39029/87 and M39029/89 Contacts Used with MIL-DTL-83733 Series Connectors

To Be Used With
Mil-DTL-83733 Series Connectors

Thermocouple Military Part Number	Contact Style	Contact Size		Color Bands			Material	Ins/Ext Tools (Plastic)	Sealing Plug
		Mating	Wire	1 st	2 nd	3 rd			
		End	Barrel	Top	Mid	Bottom			
M39029/87-470	Pin	22	22D	Yellow	Violet	Black	Constantan	M81969/14-01	MS27488-22-2
M39029/87-471	Pin	22	22D	Yellow	Violet	Brown	Alumel	M81969/14-01	MS27488-22-2
M39029/87-472	Pin	22	22D	Yellow	Violet	Red	Chromel	M81969/14-01	MS27488-22-2
M39029/87-473	Pin	22	22D	Yellow	Violet	Orange	Iron	M81969/14-01	MS27488-22-2
M39029/87-474	Pin	20	20	Yellow	Violet	Yellow	Constantan	M81969/14-02	MS27488-20-2
M39029/87-475	Pin	20	20	Yellow	Violet	Green	Alumel	M81969/14-02	MS27488-20-2
M39029/87-476	Pin	20	20	Yellow	Violet	Blue	Chromel	M81969/14-02	MS27488-20-2
M39029/87-477	Pin	20	20	Yellow	Violet	Violet	Iron	M81969/14-02	MS27488-20-2
M39029/87-478	Pin	16	16	Yellow	Violet	Gray	Constantan	M81969/14-03	MS27488-16-2
M39029/87-479	Pin	16	16	Yellow	Violet	White	Alumel	M81969/14-03	MS27488-16-2
M39029/87-480	Pin	16	16	Yellow	Gray	Black	Chromel	M81969/14-03	MS27488-16-2
M39029/87-481	Pin	16	16	Yellow	Gray	Brown	Iron	M81969/14-03	MS27488-16-2
M39029/89-494	Socket	22	22D	Yellow	White	Yellow	Constantan	M81969/14-01	MS27488-22-2
M39029/89-495	Socket	22	22D	Yellow	White	Green	Alumel	M81969/14-01	MS27488-22-2
M39029/89-496	Socket	22	22D	Yellow	White	Blue	Chromel	M81969/14-01	MS27488-22-2
M39029/89-497	Socket	22	22D	Yellow	White	Violet	Iron	M81969/14-01	MS27488-22-2
M39029/89-498	Socket	20	20	Yellow	White	Gray	Constantan	M81969/14-02	MS27488-20-2
M39029/89-499	Socket	20	20	Yellow	White	White	Alumel	M81969/14-02	MS27488-20-2
M39029/89-500	Socket	20	20	Green	Black	Black	Chromel	M81969/14-02	MS27488-20-2
M39029/89-501	Socket	20	20	Green	Black	Brown	Iron	M81969/14-02	MS27488-20-2
M39029/89-502	Socket	16	16	Green	Black	Red	Constantan	M81969/14-03	MS27488-16-2
M39029/89-503	Socket	16	16	Green	Black	Orange	Alumel	M81969/14-03	MS27488-16-2
M39029/89-504	Socket	16	16	Green	Black	Yellow	Chromel	M81969/14-03	MS27488-16-2
M39029/89-505	Socket	16	16	Green	Black	Green	Iron	M81969/14-03	MS27488-16-2