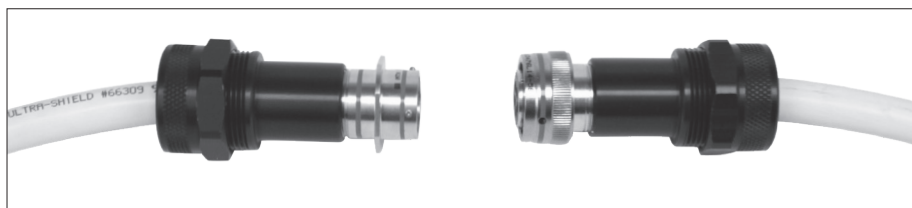


# MIL-C-26482 Series 2

- MIL-C-26482
- Operating Temperature Range -67°F to 392°F (-55°C to 200°C)
- Mating Cycles > 500

MIL-C-26482 Series 2 connectors are designed with silicone inserts and seals for higher temperature and chemical applications. These connectors are intermateable and interchangeable with all MIL-C-26482 connectors. This style of connector uses a bayonet style coupling system for quick mating and unmating of the connector. TPC has taken the standard MIL-C-26482 Series 2 design and developed a new back shell that incorporates a sealing grommet and strain relief for added cable life. The shell design is a machined aluminum incorporating a low profile design and a reduced overall length for close quarter installations. There are 27 contact layouts available ranging from 3 to 61 positions. Contacts available are 12AWG, 16AWG and 20AWG. The combination of TPC's High Performance Cable, the proven reliability of the MIL-C-26482 Series 2 connector and the Flex/Strain Relief of our new back shell design makes for an unbeatable system.



## APPLICATIONS

- Avionics
- Commercial & Military Aircraft
- High Temperature Industrial Equipment
- Instrumentation

## TECHNICAL SPECIFICATIONS

WORKING/TEST VOLTAGE				
SERVICE RATING	WORKING		TEST	
	AT SEA LEVEL VAC (rms)	70,000 FT. ALTITUDE VAC (rms)	AT SEA LEVEL VAC (rms)	70,000 FT. ALTITUDE VAC (rms)
I	600	300	1,500	375
II	1,000	450	2,300	500

CURRENT RATING				
WIRE SIZE AWG	CONTACT SIZE	MAX CURRENT FOR TEST IN AMPS	POTENTIAL DROP (MILLIVOLT AT 25°C, 77°F)	
24	20	3	< 45	
20	20	7.5	< 55	
20	16	7.5	< 45	
16	16	13	< 50	
14	12	17	< 45	
12	12	23	< 50	

## LAYOUT BY NUMBER OF CONTACTS

3 CONTACTS			4 CONTACTS		5 CONTACTS		6 CONTACTS	
<b>LAYOUT</b>	<b>8-33*</b>	<b>8-98*</b>	<b>LAYOUT</b>	<b>14-4</b>	<b>LAYOUT</b>	<b>14-5</b>	<b>LAYOUT</b>	<b>10-6</b>
# OF CONTACTS	3-#20	3-#20	# OF CONTACTS	4-#12	# OF CONTACTS	5-#16	# OF CONTACTS	6-#20
SERVICE RATING	I	I	SERVICE RATING	I	SERVICE RATING	II	SERVICE RATING	I

Mini Quick-Connects™  
 Micro Quick-Connects™  
 Nano Quick-Connects™  
 Specialty Quick-Connects™  
 Ethernet Cable Assemblies  
 7 Pin Molded Valve Plug  
 DIN Connectors  
 Extension Cords  
 M23 Connector Assemblies  
 Military Connectors  
 Rectangular Connectors

# MIL-C-26482 Series 2 (Continued)

## 8 CONTACTS



LAYOUT	12-8	16-8	18-8
# OF CONTACTS	8-#20	8-#16	3-#12
SERVICE RATING	I	II	I

## 10 CONTACTS



LAYOUT	12-10
# OF CONTACTS	10-#20
SERVICE RATING	I

## 11 CONTACTS



LAYOUT	18-11
# OF CONTACTS	11-#16
SERVICE RATING	II

## 12 CONTACTS



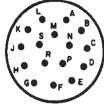
LAYOUT	14-12
# OF CONTACTS	8-#20, 4-#16
SERVICE RATING	I

## 15 CONTACTS



LAYOUT	14-15
# OF CONTACTS	14-#20, 1-#16
SERVICE RATING	I

## 16 CONTACTS



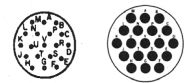
LAYOUT	20-16
# OF CONTACTS	16-#16
SERVICE RATING	II

## 18 CONTACTS



LAYOUT	14-18
# OF CONTACTS	18-#20
SERVICE RATING	I

## 19 CONTACTS



LAYOUT	14-19	24-19
# OF CONTACTS	19-#20	19-#12
SERVICE RATING	I	II

## 21 CONTACTS



LAYOUT	22-21
# OF CONTACTS	21-#16
SERVICE RATING	II

## 23 CONTACTS



LAYOUT	16-23
# OF CONTACTS	22-#20, 1-#16
SERVICE RATING	I

## 26 CONTACTS



LAYOUT	16-26
# OF CONTACTS	26-#20
SERVICE RATING	I

## 31 CONTACTS



LAYOUT	24-31
# OF CONTACTS	31-#16
SERVICE RATING	I

## 32 CONTACTS



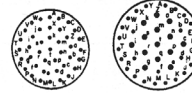
LAYOUT	18-32
# OF CONTACTS	32-#20
SERVICE RATING	I

## 39 CONTACTS



LAYOUT	20-39
# OF CONTACTS	37-#20, 2-#16
SERVICE RATING	I

## 41 CONTACTS



LAYOUT	20-41	22-41
# OF CONTACTS	41-#20	27-#20, 14-#16
SERVICE RATING	I	I

## 55 CONTACTS



LAYOUT	22-55
# OF CONTACTS	55-#20
SERVICE RATING	I

## 61 CONTACTS



LAYOUT	24-61
# OF CONTACTS	61-#20
SERVICE RATING	I

\* Most popular layout