

MIL-DTL-26482 Series I Solder

Apollo Aerospace Components is a franchised distributor of selected mil-specification connectors for leading QPL manufacturers. We offer a comprehensive inventory of backshells, contacts and connector accessories.

A medium-sized rugged environmentally sealed connector with minimal weight, featuring a quick release three point bayonet. Used extensively in commercial, military, telecoms and aerospace applications.



Product Features

- Solder contacts
- Rugged shell
- 3 point bayonet coupling system
- Up to 61 contacts in defined arrangements
- 5 polarisation options
- Intermatable with VG95328 connectors

Product Benefits

- Intermateable with other MIL-DTL-26482 connector series
- Quick secure mating
- Moisture sealed receptacles allow moisture sealing at bulkheads
- Lightweight for mobile applications



MIL-DTL-26482

Series I Solder



Product technical description

MIL-DTL-26482 connectors are lightweight rugged, environmentally sealed and provide high-density contact arrangements in a medium-sized body. Secure coupling is provided via a three point quick disconnect bayonet. Two series are on offer, one compatible with VG 95328 and the other with standard accessory threads. The receptacles are hermetically sealed to provide a moisture barrier in bulkhead applications.

- Up to 61 contacts
- Max Voltage up to 1000 V RMS at sea level
- 500 mating cycles
- Insulation resistance 5000 MegOhms min at +77degF (+25degC)
- 5 polarisation options
- Sealing 48 hours in 6 feet (1.8 metres) of water, 10 and 20 days 50-95% humidity testing

How to order

MIL-DTL-26482 Series I Solder (example)

MS3113	H	12	C	10	A	P	W	T
Shell & Contact Style	Service Class	Shell Size	Termination Type / Shell Material	Contact Arrangement	Insert Arrangement for Shielded Contacts	Contact Style	Polarisation	Finish

ORDERING INFORMATION

Shell Style	Description			Available in class	
	MS3110 - Wall mount receptacle			E,F,J,P	
	MS3111 - In-line receptacle			E,F,J,P	
	MS3112 - Box mount receptacle			E	
	MS3113 - Hermetic seal solder mount receptacle			H	
	MS3114 - Jam nut receptacle			E,F,J,P	
	MS3116 - Straight plug			E,F,J,P	
Service Class	Class	Description	Material	Finish	Temp
	A	General duty, threaded backshell	Aluminium	Cadmium, Olive drab, 48 hour, Salt spray	-55 to +125degC
	B	General duty with strain relief clamp	Aluminium	Cadmium, Olive drab, 48 hour, Salt spray	-55 to +125degC
	E	Environmental	Aluminium	Cadmium, Olive drab, 48 hour, Salt spray	-55 to +125degC
	F	Environmental with strain relief	Aluminium	Cadmium, Olive drab, 48 hour, Salt spray	-55 to +125degC
	H	Hermetic	See FINISH table		-55 to +125degC
	J	Cable seal with clamp	Aluminium	Cadmium, Olive drab, 48 hour, Salt spray	-55 to +125degC
Hermetic Termination Type	Code	Termination Type	Material	Finish	
	A	Solder cup, Stainless steel shell		Passivated	
	B	Eyelet, Stainless steel shell		Passivated	
	C	Solder cup, Ferrous alloy shell		Tinned	
Finish	Finish	Material	Finish	Temp	
	D	Aluminium	Pure electrodeposited aluminium 500hr salt spray	-65 to +175degC	
	T	Aluminium	Nickel fluocarbon polymer, 500hr, salt spray	-65 to +175degC	
	W	Aluminium	Cadmium, olive drab	-65 to +175degC	
	K	Aluminium	Zinc nickel, 500hr, salt spray	-65 to +175degC	

Apollo Aerospace Components also supply MIL-DTL-26482 connectors in Series I Crimp Front Release and Series II Crimp Rear Release, please enquire for further details and advice.

<https://www.apollo-aerospace.com>