YB I Solder Bayonet Connectors (26482 Series I Type)

26482 Series I type · solder · bayonet



Coupling	Bayonet
Contact sizes	20, 16, 12 (7.5–23 A)
Temperature	–55 to +125 °C
Working voltage	600 / 1000 V

Key features

- Built to GJB 598A Series I, MIL-DTL-26482 Series I type
- Solder contacts, AWG 12 to 24
- Grommet and glass-sealed (hermetic) versions
- Cadmium (500 h) or nickel (48 h) finishes
- Vibration 10–2000 Hz, 147 m/s²; shock 490 m/s²

Specifications

Electrical

Parameter	Value	Condition
Withstanding voltage, condition I	1500 / 375 V	Sea level / 21,336 m
Withstanding voltage, condition II	2300 / 500 V	Sea level / 21,336 m
Working voltage, condition I	600 / 300 V	Sea level / 21,336 m
Working voltage, condition II	1000 / 450 V	Sea level / 21,336 m

Environmental

Parameter	Value	Condition
Operating temperature	–55 to +125 °C	
Humidity	95 % at +40 °C	
Vibration	10–2000 Hz, 147 m/s²	
Shock	490 m/s²	
Salt spray	500 h (cadmium) / 48 h (nickel)	
Durability	500 mating cycles	
Grommet seal	< 460 Pa·cm³/s at 200 kPa	
Glass seal	< 0.1 Pa·cm³/s at 100 kPa	

Contact sizes and current ratings

Contact size	Engaging diameter	Contact resistance	Current rating	Wire size
20	1.0 mm	≤ 7.4 mΩ	7.5 A	AWG 20–24 (0.2–0.5 mm²)
16	1.6 mm	≤ 3.8 mΩ	13 A	AWG 16–20 (0.5–1.25 mm²)
12	2.4 mm	≤ 2.2 mΩ	23 A	AWG 12–14 (2.0–3.15 mm²)

Standards

- **GJB 598A Series I** — Chinese counterpart of MIL-DTL-26482 Series I.

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