EV05 Bayonet Power and Signal Connectors for EVs (26482 Type)

26482 type · 13 A / 46 A · IP67 · RoHS





Current rating	7.5–46 A by contact
Contacts	4 to 23
Working voltage	300 V AC/DC
Protection	IP67
Mating cycles	≥ 500

Key features

- MIL-DTL-26482 type bayonet coupling
- 5 shell sizes, 14 layouts, 4 to 23 contacts
- Mixed power and signal layouts
- Five key rotations against mis-mating
- UL94 V-0 thermoplastic inserts; die-cast aluminum shells
- RoHS compliant

Specifications

Electrical

Parameter	Value	Condition
Working voltage	300 V AC/DC	
Test voltage	2000 V	Between contacts
Max. current	46 A	Largest wire

Mechanical and environmental

Parameter	Value	Condition
Durability	≥ 500 mating cycles	
Operating temperature	−40 to +125 °C	
Protection	IP67; dynamic IP68 possible	
Salt spray	48 h nickel / 96 h zinc	

Contacts

Contact	Contact resistance	Rated current
Size 20	≤ 6 mΩ	7.5 A
Size 16	≤ 2.5 mΩ	13 A
Ø 2.5 mm	≤ 1.3 mΩ	25 A

Contact	Contact resistance	Rated current
Size 8	≤ 0.9 mΩ	46 A

Request a quote or drawing: https://sinoxh.com/request-a-quote/?product=EV05