

Power connector

250V 20A

Technical characteristics

Specifications			
Specifications	DIN EN 60 664		
	DIN EN 61 984		
Approvals			
Electrical data		Mechanical properties	
Number of contacts	5	-Vibration	frequency 10~2000Hz, accelerated speed 147m/s ² , instant break ≤ 1us
Electrical properties		-Shock	accelerated speed 490m/s ² , instant break ≤ 1us
-Rated current	20A	-Mechanical working life	≥ 500
-Rated voltage	250V (AC)	-Lock mode	Thread locking
-Rated impulse voltage	2.0kV(normal temperature)	-Cable and outlet diameter	10.5mm
	1.0kV(muggy)	Environmental performance	
-Insulation resistance	≥ 2000MΩ(normal temperature)	-Relative humidity	90%~95% (40°C ± 2°C)
	≥ 50 MΩ(muggy)	-Working temperature	-40°C—+105°C
-Contact resistance	≤ 2 mΩ	-Salt mist test requirements	5% NaCl neutral steady salt mist
-Welding wire specifications	Diameter φ1.8mm		96 h
Material and finish		-Degree of Protection	IP65
-Hoods/Housings	The copper alloy plating nickel		
-contact	Gold-plated copper alloy		
-Insulating material	Thermosets		

Solder terminal



Insert	Designation	Order No.
Male	HY-Z2505-S01E0-GM	169 005 313 1001

Solder terminal



Insert	Designation	Order No.
Female	HY-T2505-S01E1-GF	169 005 423 1001

Accessories

Protection cover



Description	Designation	Order No.
for male	HY-Z25-CV	269 000 000 9001