

Power connector

250V 13/20A

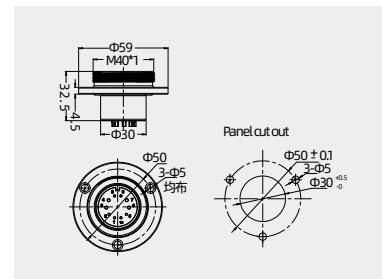
Technical characteristics

Specifications	
Specifications	DIN EN 60 664 DIN EN 61 984
Approvals	
Electrical data	
Number of contacts	10(4+6)
Electrical properties	
-Rated current	6X $\phi 1.59$: 13A 4X $\phi 2$: 20A
-Rated voltage	250V (AC)
-Rated impulse voltage	2kV
-Insulation resistance	$\geq 2000M\Omega$ (normal temperature)
-Contact resistance	$\phi 1.59$: $\leq 3 m\Omega$ $\phi 2$: $\leq 2 m\Omega$
-Welding wire specifications	Diameter $\phi 1.8mm$
Material and finish	
-Hoods/Housings	The copper alloy plating nickel
-contact	Gold-plated copper alloy
-Insulating material	Thermosets
Mechanical properties	
-Vibration	frequency 10~2000Hz, accelerated speed 147m/s ² , instant break $\leq 1us$
-Shock	accelerated speed 490m/s ² , instant break $\leq 1us$
-Mechanical working life	≥ 500
-Lock mode	Thread locking
-Cable and outlet diameter	$\phi 13mm$
Environmental performance	
-Relative humidity	90%~95% (40°C $\pm 2^\circ C$)
-Working temperature	-40°C~+105°C
-Salt mist test requirements	5% NaCl neutral steady salt mist 96 h
-Degree of Protection	IP65

Solder terminal



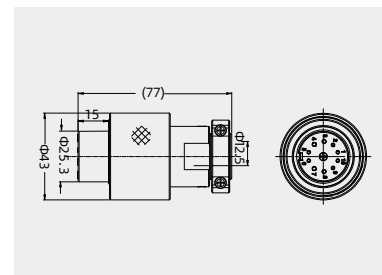
Insert	Designation	Order No.
Male	HY-Z3010-S01E0-GM	169 010 313 1001



Solder terminal



Insert	Designation	Order No.
Female	HY-T3010-S01E1-GF	169 010 423 1001



Accessories

Protection cover



Description	Designation	Order No.
for male	HY-Z30-CV	269 000 000 9002

