Product overview





GC-1WMPT 300A 1 Way Pass-through Connector

Features:

- ✓ The corrugated pipe can be assembled to improve the efficiency of wire making and can replace the gland head products;
- ✓ Through the structural design, the corrugated pipe maintains a strong force after assembly and is not easy to fall out;
- ✓ The separate structure of the bracket and the shell makes the installation size high error tolerance and easy installation;
- ✓ The protection level can reach IP68, IP6K9K.

Application: High-voltage and high-current connections between new energy vehicle motor controllers, all-in-one controllers, PDUs, and other equipment

The main technical parameters:

■ Number of holes: 1 hole

■ Product specifications: 2*6mm², 2*8mm², 2*10mm², 25mm², 35mm², 50mm², 70mm², 95mm²

■ Voltage rating: 4000V

■ Rated current: 350A max

■ Temperature resistance grade: -40~140°C

■ Shielding effect: 360° shielding

■ Protection level: IP68, IP6K9K

Salt spray class: 96H

Mechanical life: 50 times

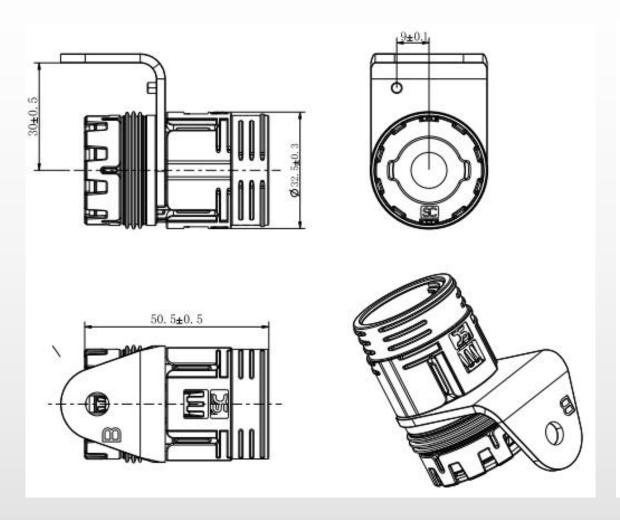
■ Vibration class: V3 vibration class in QC/T 1067.1-2017

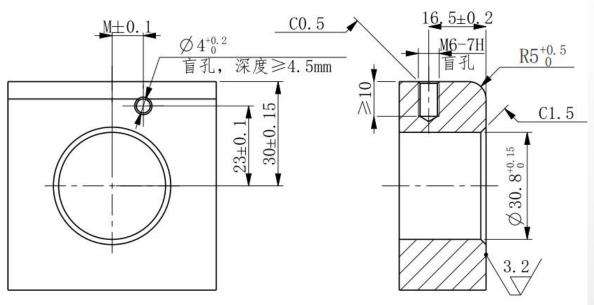
→ MODEL NUMBER DESIGNATION

Series name	GC1 Series	GC1	М	W	-	1	1	U	-	95	Υ	Р	Α
Model	GC1												
Housing material	Default-plastic; M-metal												
CustomerType	Domestic as default; W for overseas												
Separator													
Cores number of housing	1 core, 2 core, 3 core												
Cores number of cable	1 core, 2 core, 3 core												
Mounting hole position	U-upper mounting; Default-axial mounting												
Separator													
Adaptable cable	16/35/50/70/95mm²												
Terminal connection	Y-crimping; L-screw connection												
Cable treatment	P-shielding; Default-non-shielding												
Key positions	A/B/CKey												



MOUNTING PANEL SIZE





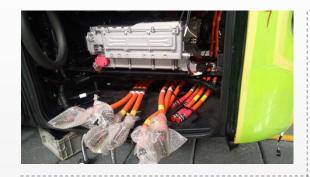
Key	A	В	С	D	N	Е	F	G	Н
SizeM	12	9	6	3	0	-3	-6	9	-12

See the size table for the hole size M of different key position products, where the negative value indicates the other side of the center line of the key position.



GC-1WMPT 300A High Voltage Connector











- ➤ This product has been installed in small batches of Yutong E12\E10\E8 pure electric buses;
- And it has been promoted and installed on pickup trucks, heavy trucks and other vehicles, completely replacing the Gland Head products.