



# Micro TeePlug & Sockets

## Range: Weatherproof/Waterproof Connectors

Order Code: CWP-PMP-CB-P02A (THB.381.A2A)

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### DESCRIPTION

Micro Plug 2 pole Screw terminal 5.8mm to 6.9mm cable diameter, IP68/IP69K, 10A,500V 1 cable entry

### WEATHERPROOF/WATERPROOF CONNECTORS FEATURES

- Miniaturization - a diameter of only 14mm (2 poles)
- Screw connection for field wiring (M2 screws - max 0.2 Nm) and versatility guaranteed during installation
- Available with overmolded cable
- Tested and approved to resist dust and water (IP68 30m/1h) and high pressure water (IP69K)
- Suitable For Class 2 Applications (Double Insulated) Max. 250V AC.

*Subject to technical modification without notice.*

*Typographical and other errors do not justify claim for damages.*

## SPECIFICATION

|   |  |
|---|--|
| Type of Installation  | Plug and Socket connector                              |
| Type  | Socket connector                                       |
| Locking Mechanism   | Push Pull  |
| Colour  | Black (Plastic components) - Green (Rubber components) |
| Overall Dimensions (mm)   | 14.0 x 53.0  |
| Overall Dimensions When Mated Together (mm)                                   | 14.0 x 90.0  |
| Cable Entries   | 1  |
| Circuit Wiring Diagram  | Power/Signal   |
| Max Current (A)   | 10   |
| Max Voltage (V)   | 500  |
| Double Insulated (Class II)   | 250V   |
| Impulse Withstand Voltage   | 4kV  |
| Number of Poles   | 2  |
| Marking   | 1-2  |
| Termination   | Screw  |
| Terminations Thread/Tightening Torque   | M2 - max. 0.2 Nm                                       |
| Multi-Stranded Conductor Cross-Section Without Ferrule MIN (mm <sup>2</sup> ) | 0.25   |
| Multi-Stranded Conductor Cross-Section Without Ferrule MAX (mm <sup>2</sup> ) | 1  |
| Conductor Stripping Length (mm)   | 20   |
| Cable Sheath Stripping Length (mm)  | 10   |
| Recommended Types of Cable  | H05xxx/H07xxx  |
| Minimum Cable Diameter (mm)   | 5.8  |
| Maximum Cable Diameter (mm)   | 6.9  |
| Tightening Torque of Cable Gland-Connector                                    | 1.5 Nm   |
| IP Rating   | 68/68K   |
| Salt Mist   | Salt mist test : EN60068-2-11:2000                     |
| Mating Cycles   | 100 cycles   |
| Min Temperature Rating °C   | -40  |
| Max Temperature Rating °C   | 125  |
| Operating Temperature °C  | +60Å°C   |
| Temperature "T" Rating  | T125   |
| Proof Tracking Index (PTI)  | +60Å°C   |
| Connector Material  | PA66 GF UL94 V0  |
| Cable Gland Material  | PA66 GF UL94 V2  |
| O-Ring Material   | TPE  |
| Gasket Material   | TPE  |
| Impulse Withstand Category  | II   |
| Material Property   | Halogen Free - Silicone Free                           |
| Terminal Material   | Brass  |
| Terminal Screw Material   | Steel  |

## INDUSTRY ACCREDITATIONS

