



**THE DATASHEET OF
PWM-02RMFS-TS7001**



Power Series 50A / 50A+2A

For Your High Power and Data Transmission



Key Features

- ✓ Robust, High Density Terminal Design (Crown Spring Terminal)
- ✓ Current Rating Up To 50A
- ✓ Hybrid Type
- ✓ AC / DC Applications
- ✓ UL 94V-0 Rated Material
- ✓ UV Resistant
- ✓ 3 Points Lock Bayonet Mating Style



Harsh Environment



UV Resistant



IP67 Mated



UL 94V-0

| Male Conn. Female Pin | | | Female Conn. Male Pin | | |
|-----------------------|-------------|-------------|-----------------------|-------------|-------------|
| 2 Pin | 4 Pin (2+2) | 6 Pin (2+4) | 2 Pin | 4 Pin (2+2) | 6 Pin (2+4) |
| | | | | | |

Application



Electric Bikes



Lighting Systems



Industrial Automation







Broadband Wireless Access




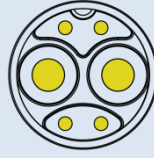
Specification

General Characteristics

| | | | |
|-------------------|---|-----------------------|-------------------------------------|
| Current Rating | Power: 50A Signal: 2A | Plastic Material | UL94V-0, UL746C f1 UL Recognized |
| Voltage Rating | Power: 600V AC/DC Signal: 30V AC/DC | Operation Temperature | -40°C ~ 105°C |
| Waterproof Rating | Receptacle: IP67 (Mated) Field Installable: IP67 (Mated) | Contact Resistant | Less than 10mΩ. |
| Recommended Gauge | Power: 8 AWG Signal: 20 ~ 22 AWG | Locking Mechanism | 3 Points Lock Bayonet |
| Durability | 1,000 Cycles | | |

Ordering Information

| Connector Type | Receptacle (Solder Type) | | |
|----------------|---|---|---|
| Product Image |  | | |
| Contacts | Power Pin | Power + Signal Pin | |
| | 02 | 04 (2+2) | 06 (2+4) |
| |  |  |  |
| Part Number | PWM-02RMFS-TS7001 | PWMU-04RMFS-TS7001 PWMU-06RMFS-TS7001 | |

| Connector Type | Field Installable (Screw-in Type) | | |
|----------------|---|---|---|
| Product Image |  | | |
| Contacts | Power Pin | Power + Signal Pin | |
| | 02 | 04 (2+2) | 06 (2+4) |
| |  |  |  |
| Part Number | PWM-02BFMB-TL7001 | PWMU-04BFMB-TL7001 PWMU-06BFMB-TL7001 | |

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