5.70 mm. DUAL ROW MEGA POWER CON.



7740 SERIES. 5.70 mm. (0.224") pitch. Receptacle housing.

General Features

- Available in 2 through 12 circuits
- Mates with 5.70 mm. pitch pin headers 7745, 7746 series
- Polarised with positive locking system
- Use crimp terminal 7742 and 7744 series
- Allows wire to PCB connections

Materials

- Insulator: PA 66 UL 94 V-2
- Operating temperature: -40°C to +105°C
- RoHS compliant

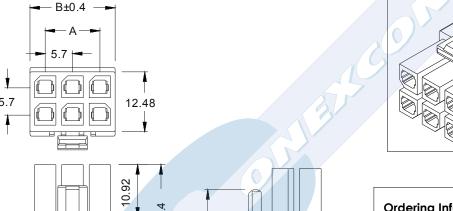
Dimensional Information

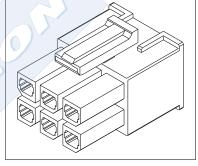
Electrical Features

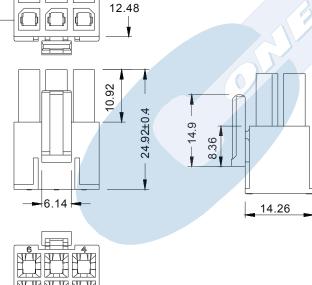
- Voltage rating: < 600V
- Current rating: See table
- Contact resistance: < 10 mΩ
- Dielectric withstanding voltage: 2200 V AC/minute
- Insulation resistance: >1000 MΩ

Mechanical Features

- Contact retention force to the housing: < 3.0 Kgf
- Durability: 25 cycles







Ordering Information:

- 1. Connector Series
- 3. (XX) number of circuits
- Available in 2 through 12 circuits

Dimensions: (In mm.)

 $A = 5.70 \times (XX^*/2-1)$

 $\mathbf{B} = 5.70 \times (XX^*/2) + 0.65$

XX*= Number of circuits

| Wire Size | | Circuit Size | | | | |
|-------------------------|-------------------|--------------|-----|-----|------|--|
| AWG | Max. Insulator ø. | 2 | 4 | 6 | 8-12 | |
| #12-4.0 mm ² | .162" (4.11 mm.) | 23A | 20A | 18A | 16A | |
| #14–2.5 mm² | .148" (3.75 mm.) | 21A | 17A | 15A | 13A | |
| #16–1.5 mm ² | .125" (3.18 mm.) | 17A | 15A | 13A | 12A | |

X-XX FULL LINE CATALOGUE