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

5.7 5.7 12.48 12.48 14.26

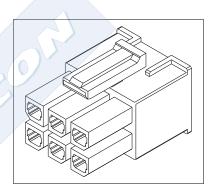
Wire Size		Circuit Size			
AWG	Max. Insulator ø.	2	4	6	8-12
#12-4.0 mm ²	.162" (4.11 mm.)	23A	20A	18A	16A
#14–2.5 mm²	.148" (3.75 mm.)	21A	17A	15A	13A
#16–1.5 mm²	.125" (3.18 mm.)	17A	15A	13A	12A

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

X-XX FULL LINE CATALOGUE