

Off-the-Shelf Standard .093 Discrete Cable Assemblies

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Standard .093 Discrete Cable Assemblies deliver an off-the-shelf solution with a variety of cable lengths and up to a 12.0A current rating



Features and Advantages

Positive locking

Ensures a reliable connection



Polarized header versions

available in 5.03mm pitch size

Help PCB designers in powering systems by using both male and female header pin combinations



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Panel-mount options

Ensure flexible mounting on panels with standard and pre-bent ears



High-current terminals and double crimp options

Help customer applications reach current up to 12.0A. Improve connector power performance by eliminating crimping errors



Keying and polarizing features

Allow operators to avoid mis-mating during the assembly process

Markets and Applications

Consumer

Microwave ovens

Refrigerators

Data/Communications

Analytical chemistry: GC, CE, Capillary LC,

Flow Cytometry

Hard disk drives

Networking

Rack-mount servers



Home Appliance



Servers

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Specifications

REFERENCE INFORMATION

Packaging: Bag
Mates With: .093" connector housings
Use With: .093" terminals only
Designed In: Millimeters
RoHS: Yes
Halogen-Free: Yes
Glow Wire Capable: Yes

ELECTRICAL

Voltage (max.): 600V
Current (max.): 12.0A
(Refer to file "PS-3191-001-001" for circuit- wise current rating)
Contact Resistance (max.): 10 milliohms
Dielectric Withstanding Voltage: 1500V AC (unmate connectors for 1 minute between adjacent terminals and between terminals to ground)

MECHANICAL

Terminal Retention to Housing (min): 89.2N
Mating Force (max.): 21.50N per circuit
Unmating Force (min.): 2.00N per circuit
(Refer to file "PS-3191-001-001" for circuit- wise mating (max.) and unmating (min.) force)
Durability (max.): 25 cycles (Tin)

PHYSICAL

Housing, Plugs and Receptacles: Nylon UL 94V-2
Headers: Polyester 94V-2, nylon 94V-2
Terminal Contact Area – Tin
Headers PCB Thickness: 1.60mm
Operating Temperatures: -40 to +105°C

**Information is based on Standard .093 connector specifications

Ordering Information

Series No.	Component	Circuits	Lengths (mm)
216290			
216291			
216292			
216293	Off-the-Shelf Standard .093 Cable Assemblies	1, 2, 3, 4 and 6	150.00, 300.00 and 600.00

Custom product	Description
Contact Molex	Off-the-Shelf Standard .093 Custom Cable Assemblies

www.molex.com/link/otscableassemblies.html

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