



# 2.54mm (.100") Pitch MOST Junction Box

## 91616 Straight

### FEATURES AND BENEFITS

#### *MOST Junction Box Connector with 15.0A capability*

MOST stands for Media Oriented System Transport

The MOST Straight Junction Box is used as the interface connector between the car stereo electronics and the harness that connects to speakers, amplifiers etc. The housing is a PA6 30% GF material. With 16 2.80 x 0.61 mm spade terminals for power, 2 fuse terminals for a fuse and 24 of the 0.61mm square signal pins. All dimensions comply with the MOST standards.

Molex are part of the MOST Cooperation, where all members combined their expertise to design a common standard for the ever growing multimedia networking car entertainment and accessory system. The organization was set up in 1998 and since then 19 international carmakers have joined.



<i>Features</i>	<i>Benefits</i>
• Lead free	• Withstands lead free processing
• Complies with MOST specifications	• Drop in replacement for competitor parts
• Parts are available in trays	
• 10.0A fuses assembled if required	
• Mini-PCB assembly available	

### SPECIFICATIONS

#### *Specifications*

##### *Reference Information*

Packaging: Box  
Designed In: Millimeters

##### *Electrical*

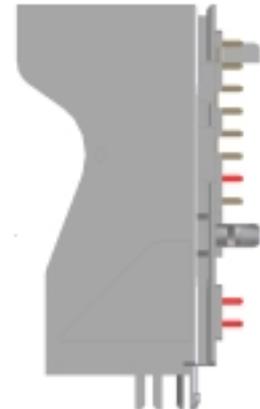
Voltage: 16.5/18V DC max.  
Current: 6A  
Contact Resistance: 10 milliohms  
Dielectric Withstanding Voltage:  
500V AC for 1 min.  
Insulation Resistance: 500 Mega ohms

##### *Mechanical*

Mating Force: 70N max.  
Unmating Force: 70N max  
Durability: 30 cycles

##### *Physical*

Housing: PA6 30% Glassfill  
Contact: Brass  
Plating:  
Contact Area -- Tin  
Solder Tail Area -- Tin  
Underplating -- Nickel  
Operating Temperature: : -40°C to +85°C



## APPLICATIONS

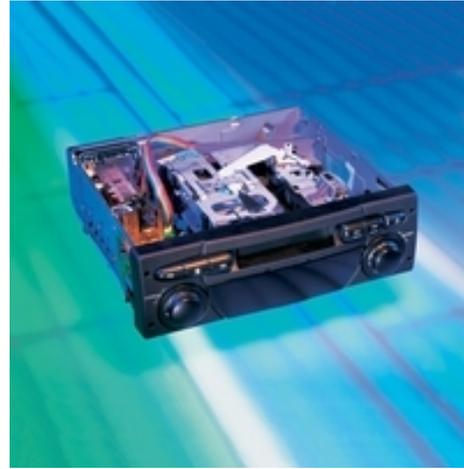


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MOST Junction Box

### Markets and Applications

- Consumer Automotive
  - Car Stereo
  - Navigation Systems
  
- Transport Non-Automotive (Trucks, Bus, Agriculture Equipment, etc.)
  - Audio System
  - Navigation System
  
- Marine Radio

91616



## ORDERING INFORMATION

Order No.	Description
91616-0001	MOST Straight Junction Box, 24 Signals, 2 Fuse Terminals
91616-0011	MOST Straight Junction Box, 24 Signals, 2 Fuse Terminals, 10.0A Fuse



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