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Part Number: [91009-1016](#)
Status: **Active**
Overview: Junction Box IO Connectors
Description: Junction Box, ISO, Right Angle, Clinch, Gateway Pin, Direct Grounding, without Fuse

Documents:

[3D Model](#) [Product Specification PS-99020-0076 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family	PCB Headers
Series	91009
Application	Power, Wire-to-Board
Comments	Clinch, Direct Grounding, Gateway Pin, without Fuse
Overview	Junction Box IO Connectors
Product Name	Junction Box
UPC	800753656987

Physical

Breakaway	No
Circuits (Loaded)	36
Circuits (maximum)	36
Circuits Detail	Spade 36
Color - Resin	Black
Durability (mating cycles max)	30
First Mate / Last Break	No
Glow-Wire Compliant	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Metal	Brass, Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Nylon
Net Weight	28.150/g
Number of Rows	7
Orientation	Right Angle
PC Tail Length	3.20mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
Packaging Type	Tray
Pitch - Mating Interface	3.75mm, 5.00mm
Plating min - Mating	3.048µm
Plating min - Termination	3.048µm
Polarized to PCB	Yes
Shrouded	Fully
Stackable	No
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-40°C to +85°C
Termination Interface: Style	Through Hole

Electrical

Current - Maximum per Contact	10A
Voltage - Maximum	12V

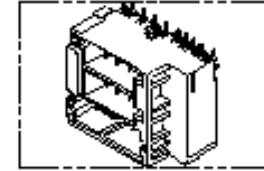


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Series

EU RoHS

**ELV and RoHS
Compliant**

REACH SVHC

Not Reviewed

Low-Halogen Status

Not Reviewed

China RoHS



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environmental compliance?**

Email productcompliance@molex.com
 For a multiple part number RoHS Certificate of
 Compliance, [click here](#)

Please visit the [Contact Us](#) section for any
 non-product compliance questions.

Search Parts in this Series

[91009Series](#)

Solder Process Data

Lead-free Process Capability

Wave Capable (TH only)

Material Info**Reference - Drawing Numbers**

Product Specification

PS-99020-0076

Sales Drawing

SD-91009-001

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