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Part Number: [91009-0022](#)
Status: **Active**
Overview: Junction Box IO Connectors
Description: Junction Box, ISO, Right Angle, 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	Without Fuse
Overview	Junction Box IO Connectors
Product Name	Junction Box
UPC	822348729579

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	26921.400/mg
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

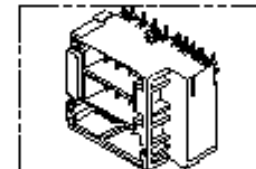


image - Reference only

Series

EU RoHS

**ELV and RoHS
Compliant**

REACH SVHC

Not Reviewed

Low-Halogen Status

Low-Halogen

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

Reflow Capable (SMT only)

Material Info**Reference - Drawing Numbers**

Product Specification

PS-99020-0076

Sales Drawing

SD-91009-003

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