

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0910090022](#)
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 \(PDF\)](#)

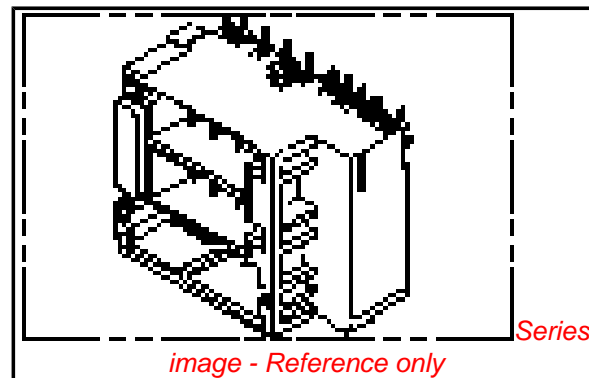
General

Product Family	PCB Headers
Series	91009
Application	Wire-to-Board
Comments	without Fuse
Overview	junction box io connectors
Product Name	Junction Box

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
Number of Rows	7
Orientation	Right Angle
PC Tail Length (in)	0.125 In
PC Tail Length (mm)	3.20 mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness Recommended (in)	0.062 In
PCB Thickness Recommended (mm)	1.60 mm
Packaging Type	Tray
Pitch - Mating Interface (in)	0.148 In, 0.197 In
Pitch - Mating Interface (mm)	3.75 mm, 5.00 mm
Plating min: Mating (µin)	120
Plating min: Mating (µm)	3
Plating min: Termination (µin)	120
Plating min: Termination (µm)	3
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



EU RoHS

ELV and RoHS Compliant

REACH SVHC

Contains SVHC: No

Halogen-Free

Status

Not Reviewed

Need more information on product 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.

China RoHS



Search Parts in this Series

[91009Series](#)

Current - Maximum per Contact
Voltage - Maximum

10A
12V

Solder Process Data

Lead-free Process Capability

Reflow Capable (SMT only)

Material Info

Reference - Drawing Numbers

Product Specification
Sales Drawing

PS-99020-0076
SD-91009-003

This document was generated on 05/26/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

