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Part Number: [0910090021](#)
Status: **Active**
Overview: Junction Box IO Connectors
Description: Junction Box, ISO, Right Angle, with Fuse

Documents:

[3D Model](#) [Packaging Specification PK-91009-001-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-99020-0076-001 \(PDF\)](#)

General

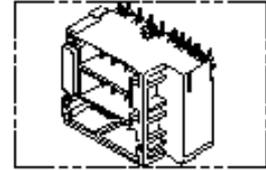
Product Family	PCB Headers
Series	91009
Application	Power, Wire-to-Board
Comments	With Fuse
Overview	Junction Box IO Connectors
Product Name	Junction Box
UPC	800756036847

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	28.300/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	10.0A
Voltage - Maximum	12V



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
ED/108/2014 (17 Dec
2014)

Halogen-Free

Status

Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[91009 Series](#)

Solder Process Data

Lead-free Process Capability

REFLOW

Material Info**Reference - Drawing Numbers**

Packaging Specification

PK-91009-001-001

Product Specification

PS-99020-0076-001

Sales Drawing

SD-91009-003

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