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Part Number: **0910091016**
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

Physical

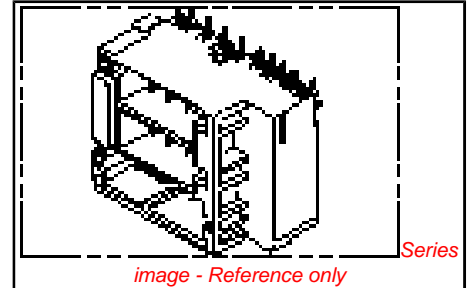
Breakaway	No
Circuits (Loaded)	36
Circuits (maximum)	36
Circuits Detail	Spade 36
Color - Resin	Black
Durability (mating cycles max)	30
First Mate / Last Break	No
Glow-Wire Compliant	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Metal	Brass, Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Nylon
Number of Rows	7
Orientation	Right Angle
PC Tail Length	3.20mm (.126")
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm (.063")
Packaging Type	Tray
Pitch - Mating Interface	3.75mm (.148"), 5.00mm (.197")
Plating min - Mating	3.048µm (120µ")
Plating min - Termination	3.048µm (120µ")
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

Solder Process Data

Lead-free Process Capability	Wave Capable (TH only)
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EU RoHS ELV and RoHS Compliant REACH SVHC Not Reviewed Low-Halogen Status Not Reviewed	China RoHS 
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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.

Search Parts in this Series

91009Series

Material Info

Country of Origin

IE

Reference - Drawing Numbers

Product Specification

PS-99020-0076

Sales Drawing

SD-91009-001

This document was generated on 11/15/2010

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