


Part Number: 91023-0001
6.00mm Pitch Junction Box, ISO, Vertical, 32 Circuits, Contact Layout 1

Series image - Reference only

Status:	Planned for Obsolescence
Series:	91023
Category:	PCB Headers
Overview:	Junction Box IO Connectors

Part Detail
General

Status	Planned for Obsolescence
Category	PCB Headers
Series	91023
Application	Power, Wire-to-Board
Comments	Contact Layout 1 - see Sales Drawing
Overview	Junction Box IO Connectors
Product Name	Junction Box

Physical

Breakaway	No
Circuits (Loaded)	32
Circuits (maximum)	32
Circuits Detail	Spade 32
Color - Resin	Black, Natural, Natural (White)
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, Polyester
Number of Rows	7
Orientation	Vertical
PC Tail Length	3.20mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
Packaging Type	Tray
Pitch - Mating Interface	6.00mm
Plating min - Mating	2.032µm, 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	IDT or Pierce, Through Hole

Electrical
(Please review the Product Specification for specific details.)

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

Solder Process Data

Lead-free Process Capability	Reflow Capable (SMT only)
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Material Info

UPC	800753655997
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Reference - Drawing Numbers

Product Specification	PS-99020-0076
Sales Drawing	SDA-91023

Application Tooling

Application Tooling

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Tooling specifications and manuals are found by selecting the products below.

Crimp Height Specifications are then contained in the Application Tooling Specification document.

Previously Available Application Tooling

[Check our list of old tooling that used to be available for this part](#)