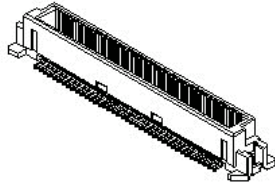


**Part Number: 55091-0805**

0.635mm Pitch SlimStack™ Header, Surface Mount, Dual Row, Vertical Stacking, 6.00 and 12.00mm Stacking Heights, Black, 80 Circuits, Robotic Placement Metal Cap, with Tube Packaging



Series image - Reference only

Status:	<b>OBSOLETE</b>
Replacement:	<a href="#">550910875</a>
Series:	<a href="#">55091</a>
Category:	PCB Headers
Overview:	<a href="#">SlimStack™ 0.635mm Pitch</a>

**Mates With Part(s):**  
SlimStack™ Receptacle [52760](#), [52837](#), [52885](#), [52901](#)

**Product Environmental Compliance**

**EU RoHS:** Compliance Status Not Reviewed  
**China RoHS:**  
**REACH SVHC:**  
**Low-Halogen Status:** Not Reviewed

**Part Detail****General**

<b>Status</b>	<b>Obsolete</b>
Category	PCB Headers
Series	<a href="#">55091</a>
Application	Board-to-Board, Signal
Comments	Stacking-Type
Overview	<a href="#">SlimStack™ 0.635mm Pitch</a>
Product Name	SlimStack™

**Physical**

Breakaway	No
Circuits (Loaded)	80
Color - Resin	Black
Durability (mating cycles max)	50
Flammability	94V-0
Glow-Wire Compliant	No
Mated Height	12.00mm, 6.00mm
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin-Lead
Number of Rows	2
Orientation	Vertical
PCB Locator	Yes
PCB Retention	Yes
Packaging Type	Tube
Pitch - Mating Interface	0.64mm
Polarized to PCB	Yes
Robotic Placement	Metal Cap
Stackable	No
Temperature Range - Operating	-55°C to +85°C
Termination Interface: Style	Surface Mount

**Electrical**

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

Current - Maximum per Contact	0.5A
Voltage - Maximum	100V

**Agency Certification**

UL	E29179
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**Material Info**

UPC	800753415126
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**Reference - Drawing Numbers**

Product Specification	PS-55091-002, RPS-52760-006, RPS-55091-008
Sales Drawing	SD-55091-***2, SD-55091-***5

**Application Tooling**

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

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

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**Previously Available Application Tooling**

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