

**Part Number: 87933-1228**

Image not available

**Status:** Contact Molex  
**Series:** [87933](#)  
**Category:** PCB Headers

Series image - Reference only

**Mates With Part(s):**  
[78120](#) Wire-to-Board Receptacles

**Part Detail****General**

<b>Status</b>	<b>Contact Molex</b>
Category	PCB Headers
Series	<a href="#">87933</a>
Application	Signal, Wire-to-Board
Comments	With Cap
Product Name	N/A

**Physical**

Breakaway	Yes
Circuits (Loaded)	12
Circuits (maximum)	12
Color - Resin	Black
First Mate / Last Break	No
Glow-Wire Compliant	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	No
Mated Height	3.05mm
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Number of Rows	2
Orientation	Vertical
PCB Locator	No
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	1.27mm
Pitch - Termination Interface	1.27mm
Plating min - Mating	0.381µm
Plating min - Termination	2.032µm
Polarized to Mating Part	No
Polarized to PCB	No
Robotic Placement	Pick and Place Cap
Shrouded	No
Stackable	No
Temperature Range - Operating	-55°C to +105°C
Termination Interface: Style	Surface Mount

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

Current - Maximum per Contact	1.75A
Voltage - Maximum	125V

**Solder Process Data**

Duration at Max. Process Temperature (seconds)	10
Lead-free Process Capability	Reflow Capable (SMT only)
Max. Cycles at Max. Process Temperature	3
Process Temperature max. C	260

**Material Info**

UPC	800756742175
-----	--------------

**Reference - Drawing Numbers**

Product Specification	PS-87933-001
Sales Drawing	SD-87933-100

**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.

---

**Previously Available Application Tooling**

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