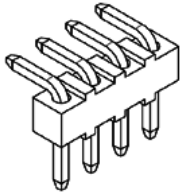**molex**®
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Part Number: 87957-1005

2.50mm Pitch Header, Right Angle, Through Hole, 5 Circuits, Tin (Sn) Overall Plating, Tray Packaging, Lead-Free

Status:	Planned for Obsolescence
Series:	87957
Category:	PCB Headers

Series image - Reference only

Mates With Part(s):
KK® 2.50mm Crimp Terminal Housing

Product Environmental Compliance

EU RoHS: ELV and RoHS Compliant
China RoHS: Ⓖ
REACH SVHC:
Low-Halogen Status: Not Reviewed

Part Detail

General

Status	**Planned for Obsolescence**
Category	PCB Headers
Series	87957
Application	Board-to-Board, Signal, Wire-to-Board
Product Name	N/A

Physical

Breakaway	Yes
Circuits (Loaded)	5
Circuits (maximum)	5
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	None
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Nickel
Material - Resin	Nylon
Number of Rows	1
Orientation	Right Angle
PC Tail Length	3.71mm
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	1.60mm
Packaging Type	Tray
Pitch - Mating Interface	2.50mm
Pitch - Termination Interface	2.50mm
Plating min - Mating	5.080µm
Plating min - Termination	1.270µm
Polarized to Mating Part	No
Polarized to PCB	No
Shrouded	No
Stackable	No
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-55°C to +105°C
Termination Interface: Style	Through Hole

Electrical

(Please review the Product Specification for specific details.)	
Current - Maximum per Contact	3A
Voltage - Maximum	250V

Solder Process Data

Duration at Max. Process Temperature (seconds)	14
Lead-free Process Capability	Wave Capable (TH only)
Max. Cycles at Max. Process Temperature	1
Process Temperature max. C	265

Material Info

Reference - Drawing Numbers

Sales Drawing   SD-87957-010

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