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Part Number: [0878721121](#)
Status: **Contact Molex**
Overview: [kk](#)
Description: 1.25mm (.049") Pitch Board-to-Board Header, Through Hole, Friction Lock, with Kinked PC Tails, 21 Circuits, Tin (Sn) Overall, Tube Packaging, Lead-free

Documents:
[3D Model](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Drawing \(PDF\)](#)

General

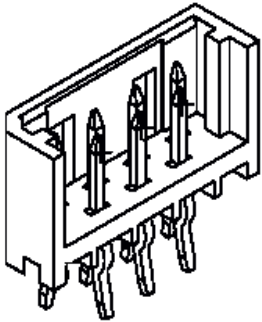
Product Family	PCB Headers
Series	87872
Application	Board-to-Board, Signal
Comments	ZIGZAG
Overview	kk
Product Name	N/A

Physical

Breakaway	No
Circuits (Loaded)	21
Circuits (maximum)	21
Color - Resin	Natural
Durability (mating cycles max)	10
First Mate / Last Break	No
Glow-Wire Compliant	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Mated Height	6.95mm (.274")
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Number of Rows	2
Orientation	Vertical
PC Tail Length	3.50mm (.138")
PCB Locator	No
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm (.063")
Packaging Type	Tube
Pitch - Mating Interface	1.25mm (.049")
Plating min - Mating	3.048µm (120µ")
Plating min - Termination	3.048µm (120µ")
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	Partial
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Through Hole - Kinked Pin

Electrical

Current - Maximum per Contact	2A
Voltage - Maximum	125V



*Series
image - Reference only*

EU RoHS
ELV and RoHS
Compliant
REACH SVHC
Contains SVHC: No
Low-Halogen Status
Not Low-Halogen

China RoHS



**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
[87872Series](#)

Mates With
KK® PCB Receptacles like 4455. SL™ IDT
Housings like 70430. KK® IDT Housings
like 7720 and 70400a. C-Grid® PCB
Receptacles like 90147 and 90148

Material Info

Reference - Drawing Numbers

Sales Drawing

SD-87872-001

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