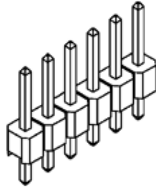


**Part Number: 87891-0208****2.54mm Pitch KK® Header, Through Hole, Vertical, 2 Circuit, Gold(Au) Flash Plating, Tray Packaging, Lead-Free**

Series image - Reference only

Status:	OBSOLETE
Replacement:	Contact Molex
Series:	87891
Category:	PCB Headers
Overview:	KK® Interconnection System

Mates With Part(s):

[4455](#) KK® PCB Receptacles, 70430 SL™ IDT Housings, [7720](#) KK® IDT Housings, [70400](#) KK® IDT Housings, [90147](#), [90148](#) C-Grid® PCB Receptacles

Product Environmental Compliance

EU RoHS: ELV and RoHS Compliant

China RoHS: 

REACH SVHC:

Low-Halogen Status: Not Reviewed

Part Detail**General**

Status	Obsolete
Category	PCB Headers
Series	87891
Application	Board-to-Board, Signal, Wire-to-Board
Overview	KK® Interconnection System
Product Name	KK®

Physical

Breakaway	Yes
Circuits (Loaded)	2
Circuits (maximum)	2
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
Mated Height	4.00mm
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Nickel
Material - Resin	Nylon
Number of Rows	1
Orientation	Vertical
PC Tail Length	1.00mm
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	1.60mm
Packaging Type	Tray
Pitch - Mating Interface	2.54mm
Pitch - Termination Interface	2.54mm
Plating min - Mating	0.051µm
Plating min - Termination	1.270µm
Polarized to Mating Part	No
Polarized to PCB	No
Shrouded	No
Stackable	No
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)	10
Lead-free Process Capability	Wave Capable (TH only)
Max. Cycles at Max. Process Temperature	3
Process Temperature max. C	260

Material Info

UPC

822350973052

Reference - Drawing Numbers

Product Specification

PS-87920-019

Sales Drawing

SD-87891-001

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](#)