

Part Number: 22-28-9105

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Status: Contact Molex
 Series: 42377
 Category: PCB Headers
 Overview: KK® Interconnect System - Molex
 Engineering/Old PN: 42377-0395

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Series Image - Reference only

Mates With Part(s):

KK® Crimp Housing [2695](#), [6471](#), [7880](#), KK® PC Board Connector [4455](#)

Specifications & Other Documents:

Note - Please disable browser pop-up blockers to view documents on www.molex.com.

Part Detail

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▼ General

Status	Contact Molex
Category	PCB Headers
Series	42377
Application	Board-to-Board, Signal, Wire-to-Board
Application Tooling Part Link	11-20-1230
Overview	KK® Interconnect System - Molex
Product Name	KK® 254
UPC	800753981331

▼ Physical

Breakaway	Yes
Circuits (Loaded)	10
Circuits (maximum)	10
Durability (mating cycles max)	100
Flammability	94V-0
Glow-Wire Compliant	No
Lock to Mating Part	None
Material - Plating Mating	Gold
Net Weight	0.818/g
Number of Rows	1
Orientation	Right Angle
PC Tail Length	3.43mm
PCB Locator	No
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
Packaging Type	Bag
Pitch - Mating Interface	2.54mm
Polarized to Mating Part	Yes
Polarized to PCB	No
Shrouded	Partial
Stackable	No
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	See Product Specification
Termination Interface; Style	Through Hole

▼ Electrical

(Please review the Product Specification for specific details.)	
Current - Maximum per Contact	4.0A
Voltage - Maximum	250V

▼ Agency Certification

Please find UL Certificates by searching the UL Database using the Molex Series Number. [Click here to visit the UL Database](#)

CSA: LR19980

UL: E29179

▼ Solder Process Data

Duration at Max. Process Temperature (seconds)	005
Lead-freeProcess Capability	WAVE
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	235

▼ Material Info

Old Part Number: 42377-0395

▼ Reference - Drawing Numbers

Product Specification: PS-10-07

Sales Drawing: SD-42377-001