Part Number: 22-28-0365

Status: **Active**

Overview: KK® Interconnect System - Molex

Description: KK® 254 Breakaway Header, Vertical, with Friction Lock, 36 Circuits, 0.76μm Gold (Au) Selective Plating, with Kinked PC Tails

Documents:

3D Model	Product Specification PS-10-07 (PDF)
Drawing (PDF)	RoHS Certificate of Compliance (PDF)

image - Reference only

Series

Agency Certification
CSA   LR19980

General
Product Family	PCB Headers
Series	42227
Application	Signal, Wire-to-Board
Application Tooling Part Link	11-20-1230
Overview	KK® Interconnect System - Molex
Product Name	KK® 254
UPC	800753798939

Physical
Breakaway	Yes
Circuits (Loaded)	36
Circuits (maximum)	36
Color - Resin	Black
Durability (mating cycles max)	100
Flammability	94V-0
Glow-Wire Compliant	No
Lock to Mating Part	Yes
Material - Metal	Brass
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Nylon
Net Weight	4.695/g
Number of Rows	1
Orientation	Vertical
PC Tail Length	3.05mm
PCB Locator	No
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
Packaging Type	Bag
Pitch - Mating Interface	2.54mm
Plating min - Mating	0.762μm
Plating min - Termination	2.540μm
Polarized to Mating Part	No
Polarized to PCB	No
Shrouded	No
Stackable	No
Temperature Range - Operating	See Product Specification
Termination Interface: Style	Through Hole

Electrical
Current - Maximum per Contact	4.0A
Voltage - Maximum	250V
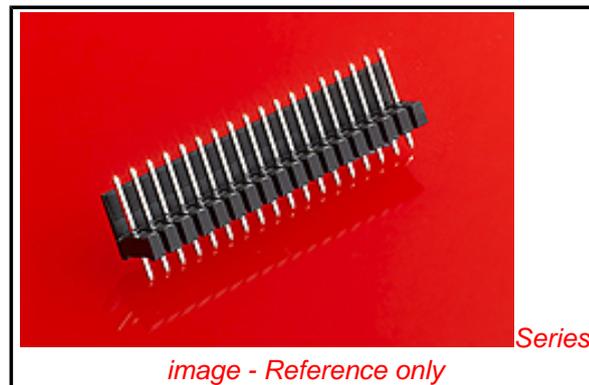
EU RoHS

ELV and RoHS Compliant

REACH SVHC
Not Reviewed

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
42227Series

Mates With
KK® Crimp Housing 2695 , 6471 , 7880 ,
KK® PC Board Connector 4455

Solder Process Data

Duration at Max. Process Temperature (seconds)	5
Lead-free Process Capability	Wave Capable (TH only)
Max. Cycles at Max. Process Temperature	1
Process Temperature max. C	235

Material Info

Old Part Number	42227-0211

Reference - Drawing Numbers

Product Specification	PS-10-07
Sales Drawing	SD-42227-001

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