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Part Number:

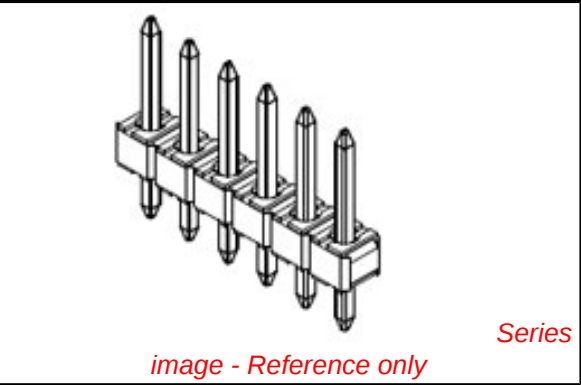
0022284364

Status:

Active

Description:

2.54mm (.100") Pitch KK® Header, Breakaway, Vertical, 36 Circuits, 0.38µm (15µ") Gold (Au) Selective Plating, Mating Pin Length 8.13mm (.320")



Documents:

3D Model

Drawing (PDF)

Packaging Specification (PDF)

Product Specification PS-10-07 (PDF)

RoHS Certificate of Compliance (PDF)

General	
Product Family	PCB Headers
Series	42375
Application	Board-to-Board, Wire-to-Board
Product Name	KK®
Physical	
Breakaway	Yes
Circuits (Loaded)	36
Circuits (maximum)	36
Color - Resin	Black
Durability (mating cycles max)	100
First Mate / Last Break	No
Flammability	94V-0
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	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Number of Rows	1
Orientation	Vertical
PC Tail Length (in)	0.120 In
PC Tail Length (mm)	3.05 mm
PCB Locator	No
PCB Retention	None
PCB Thickness Recommended (in)	0.062 In
PCB Thickness Recommended (mm)	1.60 mm
Packaging Type	Bag
Pitch - Mating Interface (in)	0.100 In
Pitch - Mating Interface (mm)	2.54 mm
Plating min: Mating (µin)	15
Plating min: Mating (µm)	0.375
Plating min: Termination (µin)	100
Plating min: Termination (µm)	2.5
Polarized to Mating Part	No
Polarized to PCB	No
Shrouded	No
Stackable	No
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	0°C to +75°C
Termination Interface: Style	Through Hole

Electrical

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Contains SVHC: No

Halogen-Free

Status

Not Halogen-Free

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

42375Series

Mates With

2695 , 6471 , 7880 , 4455 , 7720 , 70430 , 7859 , L ink:90148, 90147 , 70400a , 70066a , 40556

CSA	LR19980
Current - Maximum	4A
UL	E29179
Voltage - Maximum	250V
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	260
Material Info	
Old Part Number	42375-0176
Reference - Drawing Numbers	
Product Specification	PS-10-07
Sales Drawing	SD-42375-001

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