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Part Number:

1718570012

Status:

Active

Overview:

KK Interconnect Systems

Description:

2.54mm Pitch, KK 254 RPC Wire-to-Board Right-Angle Header with Friction Lock, Tin (Sn) Plating, Bag, 12 Circuits

Documents:

3D Model

3D Model (PDF)

Drawing (PDF)

Product Specification PS-171856-0001-001 (PDF)

Product Specification PS-171856-0002-001 (PDF)

Packaging Specification PK-7478-001-000 (PDF)

Symbol Footprint Data SYM-171857-0012-001 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification		
CSA		LR19980
UL		E29179
General		
Product Family		PCB Headers
Series		171857
Application		Power, Signal, Wire-to-Board
Overview		KK Interconnect Systems
Product Name		KK 254
Taxonomy		PCB Headers and Receptacles
UPC		887191376592

Physical		
Breakaway		No
Circuits (Loaded)		12
Circuits (maximum)		12
Color - Resin		Black
Durability (mating cycles max)		25
First Mate / Last Break		No
Flammability		94V-1
Glow-Wire Capable		No
Guide to Mating Part		No
Keying to Mating Part		None
Lock to Mating Part		Yes
Material - Plating Mating		Tin
Material - Plating Termination		Nickel
Material - Resin		Nylon
Net Weight		1.594/g
Number of Rows		1
Orientation		Right Angle
PCB Locator		No
PCB Retention		None
PCB Thickness - Recommended		1.60mm
Packaging Type		Bag
Pitch - Mating Interface		2.54mm
Shrouded		Partial
Stackable		No
Surface Mount Compatible (SMC)		Yes
Temperature Range - Operating		-40° to +105°C
Termination Interface: Style		Through Hole

Electrical		
Current - Maximum per Contact		4.0A
Voltage - Maximum		500V



Series image - Reference only

EU ELV	
Not Relevant	
EU RoHS	China RoHS
Compliant	
REACH SVHC	
Not Contained Per - D(2022)4187-DC (10 June 2022)	
Halogen-Free	
Status	
Low-Halogen	
For more information, please visit Contact US	
China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

171857 Series

Mates With

4455 , 2695 , 6471

Solder Process Data

Duration at Max. Process Temperature (seconds)	030
Lead-freeProcess Capability	SMC&WAVE
Max. Cycles at Max. Process Temperature	003
Process Temperature max. C	260

Material Info

Cross-Plant Material Status	LT
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Reference - Drawing Numbers

Packaging Specification	PK-7478-001-000
Product Specification	PS-171856-0001-001, PS-171856-0002-001
Sales Drawing	SD-171857-0001-000, SD-171857-0001-002
Symbol/Footprint Data	SYM-171857-0012-001

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