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Part Number: **0448120016**
Status: **Active**
Overview: KK Interconnect Solutions
Description: KK 254 PC Board Connector, Low Profile, 5.08µm Tin (Sn), 16 Circuits

Documents:

3D Model	Product Specification PS-44812-001-001 (PDF)
Drawing (PDF)	Packaging Specification PK-44812-001-001 (PDF)
3D Model (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	PCB Receptacles
Series	<u>44812</u>
Application	Board-to-Board, Power
Overview	<u>KK Interconnect Solutions</u>
Product Name	KK 254
UPC	756054462584

Physical

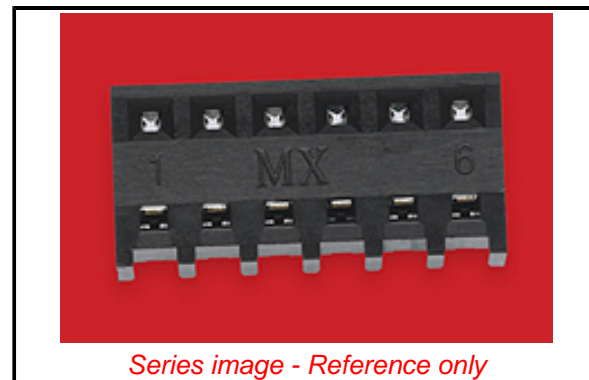
Circuits (Loaded)	16
Circuits (maximum)	16
Color - Resin	Black
Durability (mating cycles max)	25
Flammability	94V-0
Glow-Wire Capable	No
Material - Metal	High Performance Alloy (HPA)
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	2.064/g
Number of Rows	1
Orientation	Vertical
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	1.60mm
Packaging Type	Tray
Pitch - Mating Interface	2.54mm
Plating min - Mating	5.080µm
Plating min - Termination	5.080µm
Polarized to PCB	No
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	See Product Specification
Termination Interface: Style	Through Hole

Electrical

Current - Maximum per Contact	5.0A
Voltage - Maximum	500V

Solder Process Data

Duration at Max. Process Temperature (seconds)	005
Lead-free Process Capability	WAVE
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	250



EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2021)4569-DC (8
July 2021)

Halogen-Free

Status

Not Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

44812 Series

Mates With

42153 , 4094 , 42376 , 42375 , 42377 ,
42152 , 4030

Material Info

Reference - Drawing Numbers

Packaging Specification

PK-44812-001-001

Product Specification

PS-44812-001-001

Sales Drawing

SD-44812-001-001

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