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Part Number: 0022142194

Status: Active

Overview: KK® Interconnect System - Molex

Description: KK 254 PC Board Connector, Bottom Entry, 2.54µm Tin (Sn), 19 Circuits

Documents:	
3D Model	Product Specification PS-10-07-001 (PDF)
Drawing (PDF)	RoHS Certificate of Compliance (PDF)

Series image - Reference only

Agency Certification
CSA	LR19980
UL	E29179

General
Product Family	PCB Receptacles
Series	4455
Application	Board-to-Board, Signal
Overview	KK® Interconnect System - Molex
Product Name	KK 254
UPC	800753625976

Physical
Circuits (Loaded)	19
Circuits (maximum)	19
Color - Resin	Natural (White)
Flammability	94V-0
Glow-Wire Capable	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	No
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Nylon
Net Weight	2.304/g
Number of Rows	1
Orientation	Bottom Entry
PC Tail Length	3.35mm
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	1.60mm
Packaging Type	Tray
Pitch - Mating Interface	2.54mm
Pitch - Termination Interface	2.54mm
Plating min - Mating	2.540µm
Plating min - Termination	2.540µm
Polarized to PCB	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	See Product Specification
Termination Interface: Style	Through Hole

Electrical
Current - Maximum per Contact	2.5A
Grounding to PCB	No
Voltage - Maximum	500V

Solder Process Data
Duration at Max. Process Temperature (seconds)	005

EU ELV
Not Relevant

EU RoHS   **China RoHS**
Compliant
REACH SVHC
Not Contained Per
-ED/01/2018 (15
January 2018)
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
4455 Series

Mates With
KK Header 4094 , 42376 , 42375 , 42377 ,
4030 , 171856 , 171857

Lead-freeProcess Capability   WAVE
Max. Cycles at Max. Process Temperature   001
Process Temperature max. C   235

Material Info
Engineering Number   A-4455-BH19D(P909)

Reference - Drawing Numbers
Product Specification   PS-10-07-001
Sales Drawing   SDA-4455-001, SDA-4455-002

Mouser Electronics

Authorized Distributor

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