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Part Number: 0022172202
Status: Active
Overview: KK® Interconnect System - Molex
Description: KK® 254 PC Board Connector, Bottom Entry, 0.50µm Gold (Au), 20 Circuits



Series image - Reference only

Documents:

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

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	800753736917

Physical

Circuits (Loaded)	20
Circuits (maximum)	20
Color - Resin	Natural (White)
Flammability	94V-0
Glow-Wire Compliant	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	No
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Material - Resin	Nylon
Net Weight	2.378/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	0.508µm
Plating min - Termination	0.051µm
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
Lead-freeProcess Capability	WAVE

EU ELV
Not Relevant

EU RoHS
Compliant

China RoHS

REACH SVHC
Not Contained Per - ED/30/2017 (7 July 2017)

Halogen-Free Status
Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the Contact Us section for any non-product compliance questions.

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

Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	235

Material Info

Engineering Number	A-4455-BH20D(565)

Reference - Drawing Numbers

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

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