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Part Number: 0022027233
Status: Active
Overview: KK® Interconnect System - Molex
Description: KK® 254 PC Board Connector, Top Entry, with Cat Ear Terminal, 2.54µm Tin (Sn), 23 Circuits, without Hooks



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	800754916080
Physical	
Circuits (Loaded)	23
Circuits (maximum)	23
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 - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	2.395/g
Number of Rows	1
Orientation	Vertical
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
Not Reviewed

China RoHS

REACH SVHC
Not Reviewed

Halogen-Free Status
Not Reviewed

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	Not Reviewed
ELV	Not Relevant
RoHS Phthalates	Not Reviewed

Search Parts in this Series
4455 Series

Mates With
KK® Header 4094 , 42376 , 42375 , 42377 , 171856 , 171857
SL™ Insulation Displacement Connector 70475

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

Material Info

Engineering Number	A-4455-CY23A(P909)

Reference - Drawing Numbers

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

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