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Part Number: 0038001429
Status: Active
Overview: KK® Interconnect System - Molex
Description: KK 254 PC Board Connector, Top Entry, 9 Circuits

Documents:
[3D Model](#)
[Drawing \(PDF\)](#)
[Product Specification PS-10-07-001 \(PDF\)](#)
[Product Specification PS-99020-0088-001 \(PDF\)](#)
[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 800753731387

Physical
Circuits (Loaded) 9
Circuits (maximum) 9
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 Phosphor Bronze
Material - Plating Mating Tin
Material - Plating Termination Tin
Material - Resin Nylon
Net Weight 0.973/g
Number of Rows 1
Orientation Vertical
PC Tail Length 3.30mm
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 1.016µm
Plating min - Termination 1.016µm
Polarized to PCB 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



Series image - Reference only

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](#)
, [171856](#) , [171857](#)
SL Insulation
Displacement Connector [70475](#)

Lead-free	Process Capability	WAVE
Max. Cycles at Max. Process Temperature		001
Process Temperature max. C		235
Material Info		
Engineering Number		A-4455-CZ09C(P909)
Reference - Drawing Numbers		
Product Specification		PS-10-07-001, PS-99020-0088-001
Sales Drawing		SDA-4455-001, SDA-4455-002

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