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Part Number:

0022172242

Status:

Active

Overview:

KK® Interconnect System - Molex

Description:

KK® 254 PC Board Connector, Bottom Entry, 0.50µm Gold (Au), 24 Circuits

Documents:

3D Model

Drawing (PDF)

Product Specification PS-10-07 (PDF)

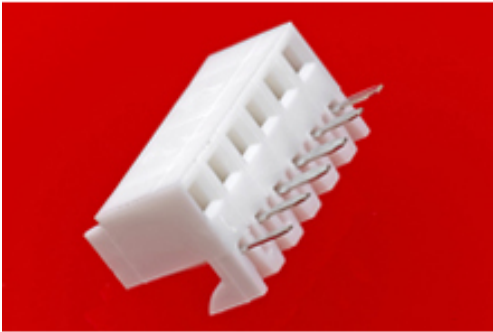
RoHS Certificate of Compliance (PDF)

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		800753736665

Physical		
Circuits (Loaded)		24
Circuits (maximum)		24
Color - Resin		Natural (White), Red (Rust)
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		2.851/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		250V

Solder Process Data		
Duration at Max. Process Temperature (seconds)		005
Lead-freeProcess Capability		WAVE



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -ED/79/2015 (17 December 2015)

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

Search Parts in this Series

4455 Series

Mates With

42153 KK® Wire-to-Board Header, 4094 KK® Wire-to-Board Header, 42376 KK® Header, 42375 KK® Header, 42377 , 42152 KK® Wire-to-Board Header, 4030 KK® Wire-to-Board Header, 4380 KK® Header

Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	235
Material Info	
Old Part Number	A-4455-BH24D(565)
Reference - Drawing Numbers	
Product Specification	PS-10-07
Sales Drawing	SDA-4455

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