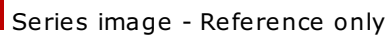


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KK® 254 PC Board Connector, Top Entry, with Cat Ear Terminal, 0.50µm Gold (Au), 23 Circuits, with Hooks



Status: Obsolete

Replacement: Contact Molex

Series: 4455

Category: PCB Receptacles

Overview: [KK® Interconnect System - Molex](#)

Engineering/Old PN: A-4455-CZ23A(565)

Mates With Part(s):

KK® Header [4094](#), [42376](#), [42375](#), [42377](#), [171856](#), [171857](#)
SL™ Insulation Displacement Connector [70475](#)

Product Environmental Compliance

EU ELV:Product not active

EU RoHS:Product not active

EU RoHS Phthalates:Product not active

China RoHS:

REACH SVHC:Product not active

Low-Halogen Status:Product not active

Part Detail

General

Status	Obsolete
Category	PCB Receptacles
Series	4455
Application	Board-to-Board, Signal
Comments	With Hooks
Overview	KK® Interconnect System - Molex
Product Name	KK® 254
UPC	800753735620

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	Phosphor Bronze

Material - Plating Mating	Gold
Material - Plating Termination	Gold
Material - Resin	Nylon
Net Weight	2.418/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
Plating min - Mating	0.508µm
Plating min - Termination	0.051µm
Polarized to PCB	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	0°C to +75°C
Termination Interface: Style	Through Hole
Electrical	

(Please review the Product Specification for specific details.)

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

Please find UL Certificates by searching the UL Database using the Molex Series Number. [Click here to visit the UL Database](#)

CSA	LR19980
UL	E29179

Solder Process Data

Solderability Shelf Life Statement

Duration at Max. Process Temperature (seconds)	005
Lead-freeProcess Capability	WAVE
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	235

Material Info

Engineering NumberA-4455-CZ23A(565)

Application Tooling

Tooling specifications and manuals are found by selecting the products below.
Crimp Height Specifications are then contained in the Application Tooling Specification document.

Previously Available Application Tooling

[Check our list of old tooling that used to be available for this part](#)

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