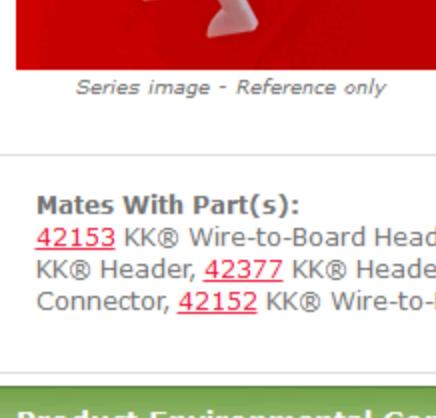




Home: PCB Receptacles &gt;

**Part Number: 22-18-2193**

KK® 254 PC Board Connector, Top Entry, with Cat Ear Terminal, 0.50µm Gold (Au), 19 Circuits, with Hooks



Series image - Reference only

Status:	<b>OBSOLETE</b>
Replacement:	Contact Molex
Series:	<a href="#">4455</a>
Category:	PCB Receptacles
Overview:	<a href="#">KK® Interconnect System - Molex</a>
Engineering/Old PN:	A-4455-CZ19A(565)

CHECK DISTRIBUTOR INVENTORY

Add to My Parts

Email this page

Go to [Part Detail](#) ▾**Mates With Part(s):**

[42153](#) KK® Wire-to-Board Header, [4094](#) KK® Wire-to-Board Header, [42376](#) KK® Header, [42375](#) KK® Header, [42377](#) KK® Header, [70021](#) SL™ Crimp Terminal, [70475](#) SL™ Insulation Displacement Connector, [42152](#) KK® Wire-to-Board Hdr

**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 activeQuestions on Product Environmental Compliance? Email [ProductCompliance@molex.com](mailto:ProductCompliance@molex.com)Request Molex's CMRT from [conflictminerals@molex.com](mailto:conflictminerals@molex.com)**Part Detail****COLLAPSE ALL**

## ▼ General

Status	Obsolete
Category	PCB Receptacles
Series	<a href="#">4455</a>
Application	Board-to-Board, Signal
Comments	With Hooks
Overview	<a href="#">KK® Interconnect System - Molex</a>
Product Name	KK® 254
UPC	800753735835

## ▼ Physical

Circuits (Loaded)	19
Circuits (maximum)	19
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	2.000/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-free Process Capability	WAVE
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	235

## ▼ Material Info

Engineering Number	A-4455-CZ19A(565)
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**Application Tooling****FAQ**

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](#)