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Part Number: [22-18-2041](#)
Status: **Active**
Overview: [KK® Interconnect System - Molex](#)
Description: [KK® 254 PC Board Connector, Top Entry, with Cat Ear Terminal, 0.38µm Gold \(Au\), 4 Circuits, with Hooks](#)

Documents:

[3D Model](#) [Product Specification PS-10-07 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA LR19980
 UL E29179

General

Product Family PCB Receptacles
 Series [4455](#)
 Application Board-to-Board, Signal
 Comments With Hooks
 Overview [KK® Interconnect System - Molex](#)
 Product Name [KK® 254](#)
 UPC [800754204880](#)

Physical

Circuits (Loaded) 4
 Circuits (maximum) 4
 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 - Plating Mating Gold
 Material - Plating Termination Tin
 Material - Resin Nylon
 Net Weight 0.428/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 0.381µm
 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 250V



Series

image - Reference only

EU RoHS

ELV and RoHS Compliant

REACH SVHC

Contains SVHC: No
Low-Halogen Status
Low-Halogen

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

[4455Series](#)

Mates With

[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](#)

Solder Process Data

| | |
|--|------------------------|
| Duration at Max. Process Temperature (seconds) | 5 |
| Lead-free Process Capability | Wave Capable (TH only) |
| Max. Cycles at Max. Process Temperature | 1 |
| Process Temperature max. C | 235 |

Material Info

| | |
|-----------------|-------------------|
| Old Part Number | A-4455-CZ04A(208) |
|-----------------|-------------------|

Reference - Drawing Numbers

| | |
|-----------------------|----------|
| Product Specification | PS-10-07 |
| Sales Drawing | SDA-4455 |

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