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Part Number: [0022022085](#)
Status: **Active**
Overview: [KK® Interconnect System - Molex](#)
Description: [KK® 254 PC Board Connector, Top Entry, 2.54µm Tin \(Sn\), 8 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
 MolexKits Yes
 Overview [KK® Interconnect System - Molex](#)
 Product Name [KK® 254](#)
 UPC 800753760349

Physical

Circuits (Loaded) 8
 Circuits (maximum) 8
 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 Brass
 Material - Plating Mating Tin
 Material - Plating Termination Tin
 Material - Resin Nylon
 Net Weight 0.842/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 2.540µm
 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 ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
 ED/21/2016 (20 June
 2016)

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

ELV

Green Image

Not Relevant

Search Parts in this Series

[4455 Series](#)

Mates With

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

Solder Process Data

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-CZ08A(P909)
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Reference - Drawing Numbers

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

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