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**Part Number:** [22-02-2025](#)  
**Status:** **Active**  
**Overview:** [KK® Interconnect System - Molex](#)  
**Description:** [KK® 254 PC Board Connector, Top Entry, 2.54µm Tin \(Sn\), 2 Circuits, with Hooks](#)

**Documents:**

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

**General**

Product Family	PCB Receptacles
Series	4455
Application	Board-to-Board, Signal
Comments	With Hooks
MolexKits	Yes
Overview	<a href="#">KK® Interconnect System - Molex</a>
Product Name	KK® 254
UPC	800754913744

**Physical**

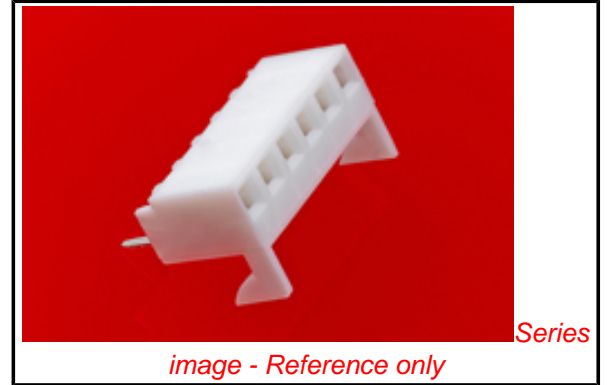
Circuits (Loaded)	2
Circuits (maximum)	2
Color - Resin	Natural (White)
Glow-Wire Compliant	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	No
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Nylon
Net Weight	0.221/g
Number 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

**Solder Process Data**

Duration at Max. Process Temperature (seconds)	5
Lead-free Process Capability	Wave Capable (TH only)



*image - Reference only*

**EU RoHS**

**ELV and RoHS Compliant**

**REACH SVHC**

Not Reviewed

**Low-Halogen Status**

**Low-Halogen**

**China RoHS**



**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto: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, 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

Max. Cycles at Max. Process Temperature	1
Process Temperature max. C	235

**Material Info**

Old Part Number	A-4455-CZ02A(P909)
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**Reference - Drawing Numbers**

Product Specification	PS-10-07
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