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Part Number:0022182231

Status:Active

Overview:KK® Interconnect System - Molex

Description:KK® 254 PC Board Connector, Top Entry, with Cat Ear Terminal, 0.38µm Gold (Au), 23 Circuits, with Hooks

Documents:

3D ModelRoHS Certificate of Compliance (PDF)

Drawing (PDF)

Agency Certification

CSALR19980

ULE29179

General

Product FamilyPCB Receptacles

Series4455

ApplicationBoard-to-Board, Signal

CommentsWith Hooks

OverviewKK® Interconnect System - Molex

Product NameKK® 254

UPC800754933384

Physical

Circuits (Loaded)23

Circuits (maximum)23

Color - ResinNatural (White), Red (Rust)

Flammability94V-0

Glow-Wire CompliantNo

Guide to Mating PartNo

Keying to Mating PartNone

Lock to Mating PartNo

Material - Plating MatingGold

Material - Plating TerminationTin

Material - ResinNylon

Net Weight2.395/g

Number of Rows1

OrientationVertical

PC Tail Length3.35mm

PCB LocatorNo

PCB RetentionNone

PCB Thickness - Recommended1.60mm

Packaging TypeTray

Pitch - Mating Interface2.54mm

Pitch - Termination Interface2.54mm

Plating min - Mating0.381µm

Plating min - Termination2.540µm

Polarized to PCBNo

Surface Mount Compatible (SMC)No

Temperature Range - OperatingSee Product Specification

Termination Interface: StyleThrough Hole

Electrical

Current - Maximum per Contact2.5A

Grounding to PCBNo

Voltage - Maximum250V

Solder Process Data



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per
-ED/79/2015 (17
December 2015)

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 ROHSGreen Image

ELVNot Relevant

Search Parts in this Series

4455 Series

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

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	
Old Part Number	A-4455-CZ23A(208)
Reference - Drawing Numbers	
Sales Drawing	SDA-4455

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