

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0038001427

Status:

Active

Overview:

KK® Interconnect System - Molex

Description:

KK® 254 PC Board Connector, Top Entry, 7 Circuits

Documents:

3D Model

Drawing (PDF)

Product Specification PS-10-07 (PDF)

Product Specification PS-99020-0088 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA

LR19980

UL

E29179

General

Product Family

PCB Receptacles

Series

4455

Application

Board-to-Board, Signal

Overview

KK® Interconnect System - Molex

Product Name

KK® 254

UPC

800753731356

Physical

Circuits (Loaded)

7

Circuits (maximum)

7

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

Tin

Material - Plating Termination

Tin

Material - Resin

Nylon

Net Weight

0.760/g

Number of Rows

1

Orientation

Vertical

PC Tail Length

3.30mm

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

1.016µm

Plating min - Termination

1.016µm

Polarized to PCB

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)

005



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Contains SVHC(2014
December 17): No

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 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

Lead-free	Process Capability	WAVE
Max. Cycles at Max. Process Temperature		001
Process Temperature max. C		235
Material Info		
Old Part Number		A-4455-CZ07C(P909)
Reference - Drawing Numbers		
Product Specification		PS-10-07, PS-99020-0088
Sales Drawing		SDA-4455

This document was generated on 09/01/2015

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION