

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0038001402

Status:

Active

Overview:

KK Interconnect Solutions

Description:

KK 254 PC Board Connector, Bottom Entry, with Cat Ear Terminal, 12 Circuits

Documents:

3D Model

3D Model (PDF)

Drawing (PDF)

Product Specification PS-10-07-001 (PDF)

Product Specification PS-99020-0088-001 (PDF)

Packaging Specification PK-44646-001-001 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA

UL

LR19980

E29179

General

Product Family

Series

Application

Overview

Product Name

UPC

PCB Receptacles

4455

Board-to-Board, Signal

KK Interconnect Solutions

KK 254

800753585249

Physical

Circuits (Loaded)

Circuits (maximum)

Color - Resin

Flammability

Glow-Wire Capable

Guide to Mating Part

Keying to Mating Part

Lock to Mating Part

Material - Metal

Material - Plating Mating

Material - Plating Termination

Material - Resin

Net Weight

Number of Rows

Orientation

PC Tail Length

PCB Locator

PCB Retention

PCB Thickness - Recommended

Packaging Type

Pitch - Mating Interface

Pitch - Termination Interface

Plating min - Mating

Plating min - Termination

Polarized to PCB

Temperature Range - Operating

Termination Interface: Style

12

12

Natural (White)

94V-0

No

No

None

No

Phosphor Bronze

Tin

Tin

Nylon

1.457/g

1

Bottom Entry

3.60mm

No

None

1.60mm

Tray

2.54mm

2.54mm

1.016µm

1.016µm

No

See Product Specification

Through Hole

Electrical

Current - Maximum per Contact

Grounding to PCB

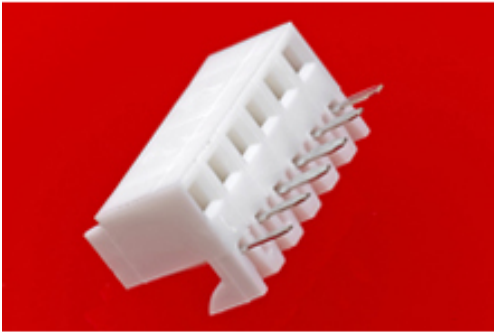
Voltage - Maximum

2.5A

No

500V

Solder Process Data



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

China RoHS

Compliant

REACH SVHC

Not Contained Per - D(2021)4569-DC (8 July 2021)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

Search Parts in this Series

4455 Series

Mates With

KK Header [4094](#) , [42376](#) , [42375](#) , [42377](#) , [4030](#) , [171856](#) , [171857](#)

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

Engineering Number	A-4455-BH12F(P909)
--------------------	--------------------

Reference - Drawing Numbers

Packaging Specification	PK-44646-001-001
Product Specification	PS-10-07-001, PS-99020-0088-001
Sales Drawing	SDA-4455-001, SDA-4455-002

This document was generated on 01/04/2022

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Molex:](#)

[38-00-1402](#)