

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0022053021](#)
Status: **Active**
Overview: [KK® Interconnect System - Molex](#)
Description: [KK® 254 Solid Header, Right Angle, with Friction Lock, 2 Circuits, Tin \(Sn\) Plating](#)

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 Headers
 Series [7478](#)
 Application Signal, Wire-to-Board
 Overview [KK® Interconnect System - Molex](#)
 Product Name [KK® 254](#)
 UPC 800753591141

Physical

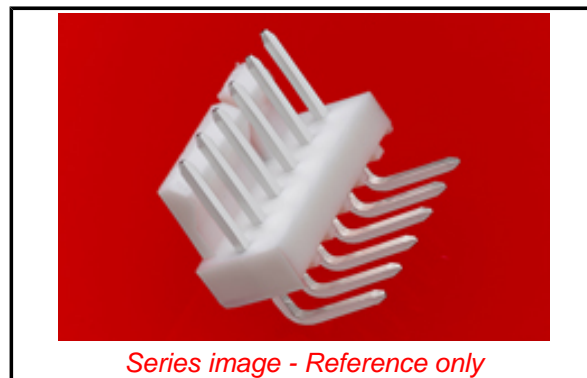
Breakaway No
 Circuits (Loaded) 2
 Circuits (maximum) 2
 Color - Resin Natural (White)
 Durability (mating cycles max) 25
 Flammability 94V-0
 Glow-Wire Compliant No
 Lock to Mating Part Yes
 Material - Metal Brass
 Material - Plating Mating Tin
 Material - Resin Nylon
 Net Weight 0.256/g
 Number of Rows 1
 Orientation Right Angle
 PC Tail Length 3.58mm
 PCB Locator No
 PCB Retention None
 PCB Thickness - Recommended 1.60mm
 Packaging Type Bag
 Pitch - Mating Interface 2.54mm
 Pitch - Termination Interface 2.54mm
 Polarized to Mating Part Yes
 Polarized to PCB Yes
 Shrouded Partial
 Stackable Yes
 Temperature Range - Operating See Product Specification
 Termination Interface: Style Through Hole

Electrical

Current - Maximum per Contact 4.0A
 Voltage - Maximum 250V

Solder Process Data

Duration at Max. Process Temperature (seconds) 005
 Lead-freeProcess Capability WAVE
 Max. Cycles at Max. Process Temperature 001



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

[7478 Series](#)

Mates With

[2695](#) , [6471](#) , [7880](#) , [4455](#) , [7720](#)

Process Temperature max. C

235

Material Info

Engineering Number

A-7478-02A222

Reference - Drawing Numbers

Product Specification

PS-10-07, RPS-7478-001

Sales Drawing

SDA-7478

This document was generated on 08/18/2016

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION