

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [22-28-2177](#)
Status: **Active**
Overview: [KK® Interconnect System - Molex](#)
Description: KK® 254 Breakaway Header, Right-Angle, with Plastic Polarizing Peg, 17 Circuits, Tin (Sn) Plating, with Backwalls Removed

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 [42226](#)
 Application Signal, Wire-to-Board
 Application Tooling Part Link 11-20-1230
 Comments Backwalls Removed
 Overview [KK® Interconnect System - Molex](#)
 Product Name KK® 254
 UPC 800753810211

Physical

Breakaway Yes
 Circuits (Loaded) 17
 Circuits (maximum) 17
 Color - Resin Black
 Durability (mating cycles max) 25
 Flammability 94V-0
 Glow-Wire Compliant No
 Lock to Mating Part None
 Material - Metal Brass
 Material - Plating Mating Tin
 Material - Plating Termination Tin
 Material - Resin Nylon
 Net Weight 2.333/g
 Number of Rows 1
 Orientation Right Angle
 PC Tail Length 3.05mm
 PCB Locator No
 PCB Retention None
 PCB Thickness - Recommended 1.60mm
 Packaging Type Bag
 Pitch - Mating Interface 2.54mm
 Plating min - Mating 2.540µm
 Plating min - Termination 2.540µm
 Polarized to Mating Part No
 Polarized to PCB No
 Shrouded No
 Stackable No
 Temperature Range - Operating See Product Specification
 Termination Interface: Style Through Hole

Electrical

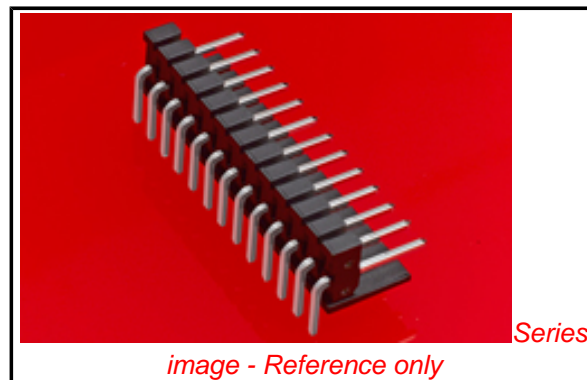


image - Reference only

EU RoHS

ELV and RoHS Compliant

REACH SVHC

Not Reviewed

Low-Halogen Status

Not Low-Halogen

China RoHS



Need more information on product environmental compliance?

Email 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

[42226Series](#)

Mates With

KK® Crimp Housing [2695](#) , [6471](#) , [7880](#) ,
 KK® PC Board Connector [4455](#)

Current - Maximum per Contact	4A
Voltage - Maximum	250V

Solder Process Data

Duration at Max. Process Temperature (seconds)	5
Lead-free Process Capability	Wave Capable (TH only)
Max. Cycles at Max. Process Temperature	1
Process Temperature max. C	235

Material Info

Old Part Number	42226-0227
-----------------	------------

Reference - Drawing Numbers

Product Specification	PS-10-07
Sales Drawing	SD-42226-001, SD-42226-002

This document was generated on 02/25/2014

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION