

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0022053181

Status:

Active

Overview:

KK Interconnect Systems

Description:

KK 254 Solid Header, Right-Angle, with Friction Lock, 18 Circuits, Tin (Sn) Plating

Documents:

3D Model

3D Model (PDF)

Drawing (PDF)

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

Packaging Specification PK-7478-001-000 (PDF)

Symbol Footprint Data SYM-22-05-3181-001 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification		
CSA	LR19980	
UL	E29179	
General		
Product Family	PCB Headers	
Series	7478	
Application	Signal, Wire-to-Board	
Component Type	PCB Header	
Overview	KK Interconnect Systems	
Product Name	KK 254	
Taxonomy	PCB Headers and Receptacles	
UPC	800753592698	
Physical		
Breakaway	No	
Circuits (Loaded)	18	
Circuits (maximum)	18	
Color - Resin	Natural (White)	
Durability (mating cycles max)	25	
Flammability	94V-0	
Glow-Wire Capable	No	
Lock to Mating Part	Yes	
Material - Metal	Brass	
Material - Plating Mating	Tin	
Material - Resin	Nylon	
Net Weight	2.405/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	500V	



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

China RoHS

Compliant

REACH SVHC

Not Contained Per -

D(2022)4187-DC (10

June 2022)

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

7478 Series

Mates With

2695 , 6471 , 7880 , 4455 , 7720

Solder Process Data

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-7478-18A222
--------------------	---------------

Reference - Drawing Numbers

Packaging Specification	PK-7478-001-000
Product Specification	PS-10-07-001
Sales Drawing	SDA-7478-000
Symbol/Footprint Data	SYM-22-05-3181-001

This document was generated on 02/07/2023

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION