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Part Number:

0022052101

Status:

Active

Overview:

KK® Interconnect System - Molex

Description:

KK® 254 Wire-to-Board Header, Single Row, Right Angle, 10 Circuits, PA Polyamide Nylon, Tin (Sn) Plating

Documents:

3D Model

Drawing (PDF)

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

Packaging Specification PK-4094-001 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification		
CSA		LR19980
UL		E29179
General		
Product Family		PCB Headers
Series		4094
Application		Board-to-Board, Signal, Wire-to-Board
MolexKits		Yes
Overview		KK® Interconnect System - Molex
Product Name		KK® 254
UPC		800753591097

Physical		
Breakaway		No
Circuits (Loaded)		10
Circuits (maximum)		10
Color - Resin		Natural (White)
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 - Resin		Nylon
Net Weight		0.806/g
Number of Rows		1
Orientation		Right Angle
PC Tail Length		3.15mm
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		No
Polarized to PCB		No
Shrouded		No
Stackable		Yes
Surface Mount Compatible (SMC)		No
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

Compliant

China RoHS

REACH SVHC

Not Contained Per -

ED/30/2017 (7 July

2017)

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

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

Search Parts in this Series

4094 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-4094-10A197
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Reference - Drawing Numbers

Packaging Specification	PK-4094-001
Product Specification	PS-10-07-001
Sales Drawing	SDA-4094

This document was generated on 07/31/2017

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