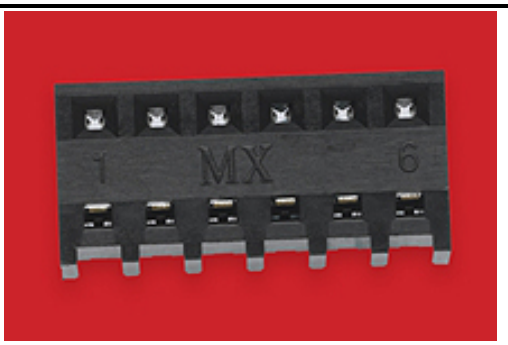
This document was generated on 07/15/2020

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0448120015
Status: Active
Overview: KK® Interconnect System - Molex
Description: KK 254 PC Board Connector, Low Profile, 5.08µm Tin (Sn), 15 Circuits



Series image - Reference only

Documents:
3D Model
Drawing (PDF)
3D Model (PDF)
Product Specification PS-44812-001-001 (PDF)
RoHS Certificate of Compliance (PDF)

Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	PCB Receptacles
Series	44812
Application	Board-to-Board, Power
Overview	KK® Interconnect System - Molex
Product Name	KK 254
UPC	756054462577

Physical

Circuits (Loaded)	15
Circuits (maximum)	15
Color - Resin	Black
Durability (mating cycles max)	25
Flammability	94V-0
Glow-Wire Capable	No
Material - Metal	High Performance Alloy (HPA)
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	1.935/g
Number of Rows	1
Orientation	Vertical
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	1.60mm
Packaging Type	Tray
Pitch - Mating Interface	2.54mm
Plating min - Mating	5.080µm
Plating min - Termination	5.080µm
Polarized to PCB	No
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	See Product Specification
Termination Interface: Style	Through Hole

Electrical

Current - Maximum per Contact	5.0A
Voltage - Maximum	500V

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	250

EU ELV
Not Relevant

EU RoHS
Compliant

China RoHS

REACH SVHC
Not Contained Per - D(2020)4578-DC (25 June 2020)

Halogen-Free Status
Not 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
44812 Series

Mates With
42153 , 4094 , 42376 , 42375 , 42377 , 42152 , 40 30

Material Info

Reference - Drawing Numbers

Product Specification	PS-44812-001-001
Sales Drawing	SD-44812-001

This document was generated on 07/15/2020

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION