

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0022288101

Status:

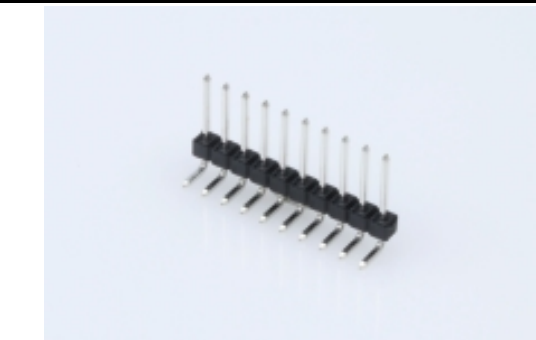
Active

Overview:

[KK Interconnect Systems](#)

Description:

KK 254 Breakaway Header, Right-Angle Surface Mount Compatible, 10 Circuits, Tin (Sn) Plating, Mating Pin Length 8.23mm



Series image - Reference only

Documents:	
Drawing (PDF)	Packaging Specification PK-40873-0041-001 (PDF)
3D Model (PDF)	Symbol Footprint Data SYM-22-28-8101-001 (PDF)
3D Model	RoHS Certificate of Compliance (PDF)
Product Specification PS-10-07-001 (PDF)	

Agency Certification		
CSA		LR19980
UL		E29179
Application tooling part link		
Application Tooling Part Link		11-20-1230
General		
Product Family		PCB Headers
Series		42377
Application		Board-to-Board, Signal, Wire-to-Board
Component Type		PCB Header
Overview		KK Interconnect Systems
Product Name		KK 254
Taxonomy		PCB Headers and Receptacles
UPC		800753813830
Physical		
Breakaway		Yes
Circuits (Loaded)		10
Circuits (maximum)		10
Color - Resin		Black
Durability (mating cycles max)		25
Flammability		94V-0
Glow-Wire Capable		No
Lock to Mating Part		None
Material - Metal		Brass
Material - Plating Mating		Tin
Material - Plating Termination		Tin
Material - Resin		High Temperature Thermoplastic
Net Weight		0.808/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		Yes
Polarized to PCB		No
Shrouded		Partial
Stackable		No

EU ELV	
Not Relevant	
EU RoHS	China RoHS
Compliant	
REACH SVHC	
Not Contained Per - D(2022)4187-DC (10 June 2022)	
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
42377 Series

Mates With
KK 254 Crimp Housing [2695](#) , [7880](#) . KK 254 Top-Entry PCB Receptacle [4455](#) . C-Grid Shunt Terminal Housing [7859](#)

Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	See Product Specification
Termination Interface: Style	Through Hole
Electrical	
Current - Maximum per Contact	4.0A
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	235
Material Info	
Engineering Number	42377-0045
Reference - Drawing Numbers	
Packaging Specification	PK-40873-0041-001
Product Specification	PS-10-07-001
Sales Drawing	SD-42377-001-000, SD-42377-001-002
Symbol/Footprint Data	SYM-22-28-8101-001

This document was generated on 01/04/2023

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION