



Part Number : [936050079](#)

Product Description : Slim-Grid Header, 10 Circuits, Through Hole, Right-Angle, Shrouded, 0.05µm Gold (Au) Plated, 1.60mm Tail Length, without Peg, Tube, Lead-Free

Series Number : 201021

Status : Obsolete

Product Category : Board-to-Board Connectors



Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)7663-DC (21 Jan 2025)
EU RoHS	Compliant per EU 2015/863

Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

EU RoHS Certificate of Compliance

Part Details

General

Status	Obsolete
Category	Board-to-Board Connectors

Series	201021
Description	Slim-Grid Header, 10 Circuits, Through Hole, Right-Angle, Shrouded, 0.05µm Gold (Au) Plated, 1.60mm Tail Length, without Peg, Tube, Lead-Free
Application	Board-to-Board, Signal
Comments	4.3 Amps per Pole with only 1 contact powered up; 1.4 Amps per Pole with max contacts powered up
Component Type	PCB Header
Product Name	Slim-Grid
UPC	889056905039

Agency

CSA	LR19980
UL	E29179

Electrical

Current - Maximum per Contact	1.4A
Voltage - Maximum	125V AC

Physical

Breakaway	No
Circuits (Loaded)	10
Circuits (maximum)	10
Color - Resin	Black
Durability (mating cycles max)	500
First Mate / Last Break	No
Flammability	94V-0
Glow-Wire Capable	No
Guide to Mating Part	Yes
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Matte Tin

Material - Resin	Liquid Crystal Polymer
Net Weight	0.421/g
Number of Rows	2
Orientation	Right Angle
Packaging Type	Tube
PC Tail Length	1.60mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
Pitch - Mating Interface	1.27mm
Pitch - Termination Interface	1.27mm
Plating min - Mating	0.051µm
Plating min - Termination	2.000µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	Fully
Temperature Range - Operating	-55° to +105°C
Termination Interface Style	Through Hole

Solder Process Data

Max-Duration	10
Lead-Free Process Capability	WAVE
Max-Cycle	1
Max-Temp	260

Mates With / Use With

Mates with Part(s)

Description	Part Number
Slim-Grid Vertical Receptacles	<u>78120</u>