Part Number : 2086594040

Product Description : 2.00mm Pitch, iGrid PCB Header, Dual Row, Right-Angle, Through Hole, 0.10µm Gold (Au) Plating, Positive Lock, 40 Circuits, Tray, 3.20mm PC Tail Length, Natural

Series Number : 208659

Status : Active

Product Category : PCB Headers and Receptacles

Documents & Resources

Drawings

Drawing 2086594040_sd.pdf

3D Models and Design Files

2D Drawing DXF 2086594040.dxf
2D Drawing DXF (PDF) 2086594040.pdf
3D Model 2086594040_stp.zip

Specifications

Packaging Specification 2086599200-SPK-200.pdf
Product Specification 5016460000-PS-000.pdf
Product Specification 5016461000-PS-000.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2023)8585-DC (23 Jan 2024)
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	Active
Category	PCB Headers and Receptacles
Series	208659
Description	2.00mm Pitch, iGrid PCB Header, Dual Row, Right-Angle, Through Hole, 0.10µm Gold (Au) Plating, Positive Lock, 40 Circuits, Tray, 3.20mm PC Tail Length, Natural
Application	Signal, Wire-to-Board
Component Type	PCB Header
Product Family	iGrid Wire-to-Board Dual-Row System
Product Name	iGrid
UPC	193264112111

Agency

CSA	LR19980
UL	E29179

Electrical

Current - Maximum per Contact	2.0A
Voltage - Maximum	250V AC (RMS)/DC

Physical

Breakaway	No
Circuits (Loaded)	40
Circuits (maximum)	40
Color - Resin	Natural

Durability (mating cycles max)	30
First Mate / Last Break	No
Glow-Wire Capable	No
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Metal	Brass
Material - Plating Mating	Gold
Material - Resin	Polyamide
Net Weight	2990.000/mg
Number of Rows	2
Orientation	Right Angle
Packaging Type	Tray
PC Tail Length	3.20mm
PCB Locator	Yes
PCB Retention	None
PCB Thickness - Recommended	1.20mm, 1.60mm
Pitch - Mating Interface	2.00mm
Plating min - Mating	0.102µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Stackable	No
Temperature Range - Operating	-40° to +105°C
Termination Interface Style	Through Hole

Mates With / Use With

Mates with Part(s)

Description	Part Number
iGrid Dual Row Receptacle Housings	501646