



Part Number : 1050281001

Series Number : 105028
Product Category : Sockets

Product Description : 8.50 by 8.50mm Camera
Socket, 4.20mm Height, Parallel data type,
SMT, Through-board, Side Contacts
Status : Active

Documents & Resources

Drawings
Drawing 1050281001_sd.pdf

3D Models and Design Files
3D Model 1050281001_stp.zip

Specifications
Product Specification PS-105028-101-001.pdf
Test Summary 1050281001TS-000.pdf

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)4144-DC (27 June 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

Part Details

General

Status	Active
Category	Sockets
Series	105028
Description	8.50 by 8.50mm Camera Socket, 4.20mm Height, Parallel data type, SMT, Through-board, Side Contacts
Component Type	Socket
Product Name	Camera Socket
UPC	883906524173

Electrical

Current - Maximum per Contact	0.5A
Voltage - Maximum	50V AC/DC

Physical

Circuits (Loaded)	32
Circuits (maximum)	32
Color - Resin	Black
Durability (mating cycles max)	20
Entry Angle	Vertical (Top Entry)
Keying to Mating Part	Yes
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Material - Resin	High Temperature Thermoplastic
Net Weight	0.739/g
Packaging Type	Embossed Tape on Reel
PCB Retention	N/A
PCB Thickness - Recommended	1.00mm
Pitch - Mating Interface	0.90mm

Pitch - Termination Interface	0.90mm
Temperature Range - Operating	-55° to +85°C
Termination Interface Style	Through Hole

Solder Process Data

Max-Duration	3
Lead-Free Process Capability	REFLOW
Max-Cycle	2
Max-Temp	255

Mates With / Use With

Mates with Part(s)

Description	Part Number
Mates With	Camera Module