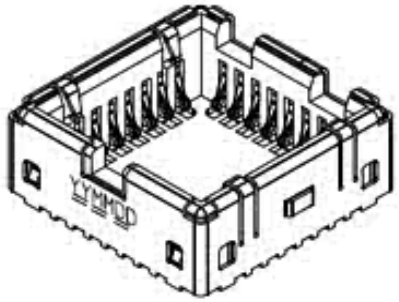
Part Number : 1050281001
Product Description : 8.50 by 8.50mm Camera Socket, 4.20mm Height, Parallel data type, SMT, Through-board, Side Contacts
Series Number : 105028
Status : Not Recommended For New Design
Product Category : Sockets



Documents and Resources

Drawings

1050281001_sd.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Specifications

PS-105028-101-001.pdf

1050281001TS-000.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)7771-DC (04 Feb 2026)
EU RoHS	Compliant per EU 2015/863

Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents

- IPC 1752A Class C

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

Substances of Interest
- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

Part Details

General

Status	Not Recommended For New Design
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

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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

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