

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

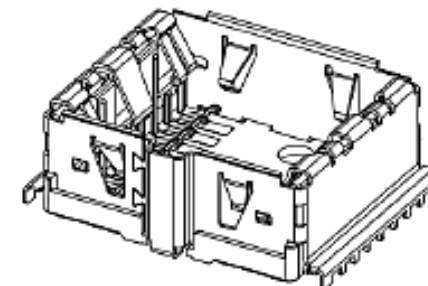
Part Number: **1051900001**
Status: **Active**
Overview: Camera Sockets
Description: 7.50 by 7.50mm Camera Socket, 4.00mm Height, SMIA-compliant, Serial data type, Surface Mount, On-board, Bottom Contacts

Documents:

[Drawing \(PDF\)](#) [Packaging Specification PK-105190-001 \(PDF\)](#)
[Product Specification PS-105190-001-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family	Other Sockets
Series	<u>105190</u>
Component Type	Socket
Overview	<u>Camera Sockets</u>
Product Name	Camera Socket
UPC	884982787001
Physical	
Circuits (Loaded)	12
Circuits (maximum)	12
Color - Resin	Black
Durability (mating cycles max)	20
Entry Angle	Vertical (Top Entry)
Keying to Mating Part	None
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Material - Resin	High Temperature Thermoplastic
Net Weight	0.550/g
PCB Retention	None
PCB Thickness - Recommended	1.00mm
Packaging Type	Tray
Pitch - Mating Interface	0.80mm
Pitch - Termination Interface	0.80mm
Temperature Range - Operating	-55°C to +85°C
Termination Interface: Style	Surface Mount
Electrical	
Current - Maximum per Contact	0.5A
Voltage - Maximum	50V AC/DC
Solder Process Data	
Duration at Max. Process Temperature (seconds)	010
Lead-freeProcess Capability	REFLOW
Max. Cycles at Max. Process Temperature	002
Process Temperature max. C	250
Material Info	
Reference - Drawing Numbers	
Packaging Specification	PK-105190-001
Product Specification	PS-105190-001-001



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
ED/30/2017 (7 July
2017)

Halogen-Free

Status

Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

105190 Series

Mates With

Camera Module