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**Part Number:** [105163-1001](#)  
**Status:** **Active**  
**Overview:** [Camera Sockets](#)  
**Description:** 6.50 by 6.50mm Camera Socket, 3.10mm Height, SMIA-compliant, Serial data type, SMT, Through-board, Bottom Contacts

**Documents:**  
[3D Model](#) [Product Specification PS-105163-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**General**

Product Family	Other Sockets
Series	<a href="#">105163</a>
Component Type	Socket
Overview	<a href="#">Camera Sockets</a>
Product Name	Camera Socket
UPC	884982575752

**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	0.117/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	Through Hole

**Electrical**

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

**Solder Process Data**

Duration at Max. Process Temperature (seconds)	3
Lead-free Process Capability	Reflow Capable (SMT only)
Max. Cycles at Max. Process Temperature	1
Process Temperature max. C	245

**Material Info**

**Reference - Drawing Numbers**

Product Specification	PS-105163-001, RPS-105163-001
Sales Drawing	SD-105163-101

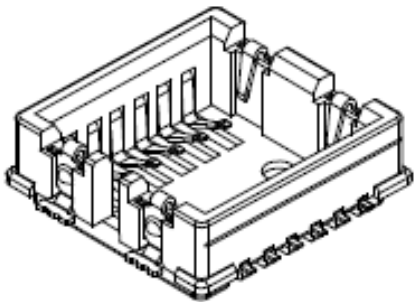


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Series

**EU RoHS**  
**ELV and RoHS**  
**Compliant**  
**REACH SVHC**  
**Contains SVHC: No**  
**Low-Halogen Status**  
**Low-Halogen**

**China RoHS**



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For a multiple part number RoHS Certificate of Compliance, [click here](#)

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**Search Parts in this Series**  
[105163Series](#)

**Mates With**  
Camera Module

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