

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0784990002](#)  
**Status:** **Active**  
**Overview:** [Camera Sockets](#)  
**Description:** 6.50 by 6.50mm Camera Socket, 3.50mm Height, Parallel data type, Surface Mount, On-board, Bottom Contacts

**Documents:**

[3D Model](#) [Packaging Specification PK-78499-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-78499-001-001 \(PDF\)](#)

**General**

|                |                                |
|----------------|--------------------------------|
| Product Family | Other Sockets                  |
| Series         | <a href="#">78499</a>          |
| Comments       | Without Cap                    |
| Component Type | Socket                         |
| Overview       | <a href="#">Camera Sockets</a> |
| Product Name   | Camera Socket                  |
| UPC            | 884982044258                   |

**Physical**

|                                |                                |
|--------------------------------|--------------------------------|
| Circuits (Loaded)              | 24                             |
| Circuits (maximum)             | 24                             |
| Color - Resin                  | Black                          |
| Durability (mating cycles max) | 5                              |
| 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                     | 0.207/g                        |
| PCB Retention                  | Yes                            |
| PCB Thickness - Recommended    | 1.00mm                         |
| Packaging Type                 | Embossed Tape on Reel          |
| Pitch - Mating Interface       | 0.60mm                         |
| Pitch - Termination Interface  | 0.60mm                         |
| 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 |

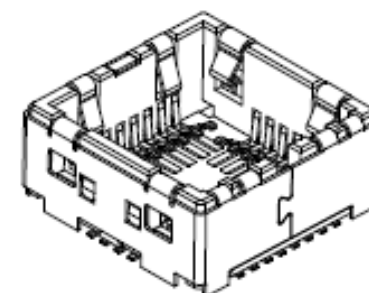
**Solder Process Data**

|  |        |
|--|--------|
| Duration at Max. Process Temperature (seconds) | 010    |
| Lead-freeProcess Capability                    | REFLOW |
| Max. Cycles at Max. Process Temperature        | 002    |
| Process Temperature max. C                     | 260    |

**Material Info**

**Reference - Drawing Numbers**

|                         |                  |
|-------------------------|------------------|
| Packaging Specification | PK-78499-001     |
| Product Specification   | PS-78499-001-001 |
| Sales Drawing           | SD-78499-001     |



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per  
-ED/01/2017 (12  
January 2017)

**Halogen-Free**

**Status**

**Low-Halogen**

**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto: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**

[78499 Series](#)

**Mates With**

Camera Module

This document was generated on 08/31/2017

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Molex:](#)

[78499-0002](#)