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Part Number: [0475480001](#)
Status: **Active**
Description: 2.54mm (.100") Pitch SIM Card Holder, 6 Circuits, Surface Mount, with PCB Retention Solder Tabs, Housing Height 1.90mm (.075"), Lead Free

Documents:

[3D Model](#) [Product Specification PS-47548-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family	Memory Card Sockets
Series	47548
Button Type	N/A
Comments	Housing Height: 1.90mm (.075")
Component Type	Card Holder (Host)
Product Name	SIM
Type	N/A

Physical

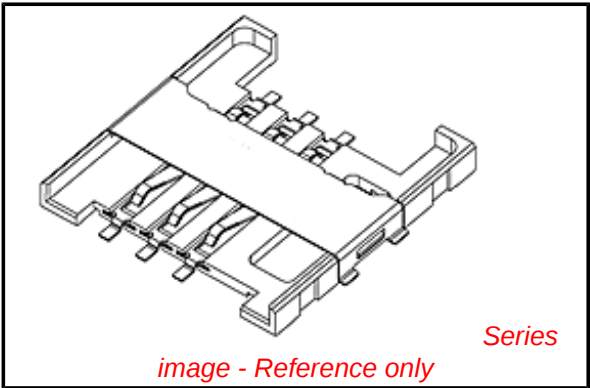
Card Detection Switch	No
Circuits (Loaded)	6
Circuits (maximum)	6
Color - Resin	Black
Durability (mating cycles max)	5,000
Ejector Button Side	No Ejector Button Present
Entry Angle	Horizontal
Keying to Mating Part	Yes
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Material - Resin	High Temperature Thermoplastic
PC Tail Length (in)	0.000 In
PC Tail Length (mm)	0.00 mm
PCB Locator	No
PCB Mounting Side	Normal
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface (in)	0.100 In
Pitch - Mating Interface (mm)	2.54 mm
Pitch - Term. Interface (in)	0.100 In
Pitch - Term. Interface (mm)	2.54 mm
Plating min: Mating (µin)	15
Plating min: Mating (µm)	0.38
Plating min: Termination (µin)	2
Plating min: Termination (µm)	0.05
Ports	1
Temperature Range - Operating	-40°C to +85°C
Termination Interface: Style	Surface Mount

Electrical

Current - Maximum per Contact	0.5A
Shielded	No
Voltage - Maximum	5V

Solder Process Data

Duration at Max. Process Temperature (seconds)	3
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EU RoHS

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

China RoHS



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

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of
Compliance, [click here](#)

Please visit the [Contact Us](#) section for any
non-product compliance questions.

Search Parts in this Series
[47548Series](#)

Mates With
Standard SIM Card

Lead-free Process Capability	Reflow Capable (SMT only)
Max. Cycles at Max. Process Temperature	1
Process Temperature max. C	250

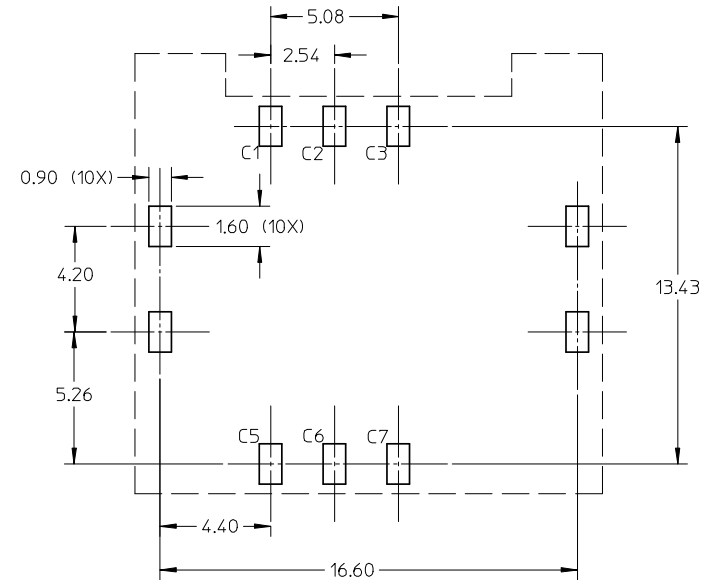
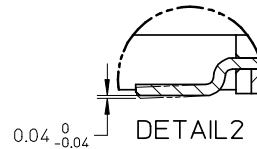
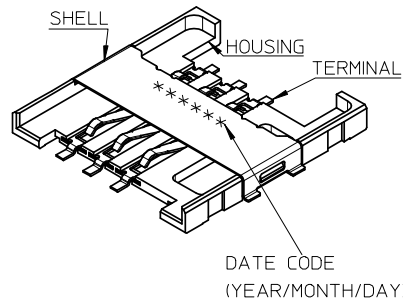
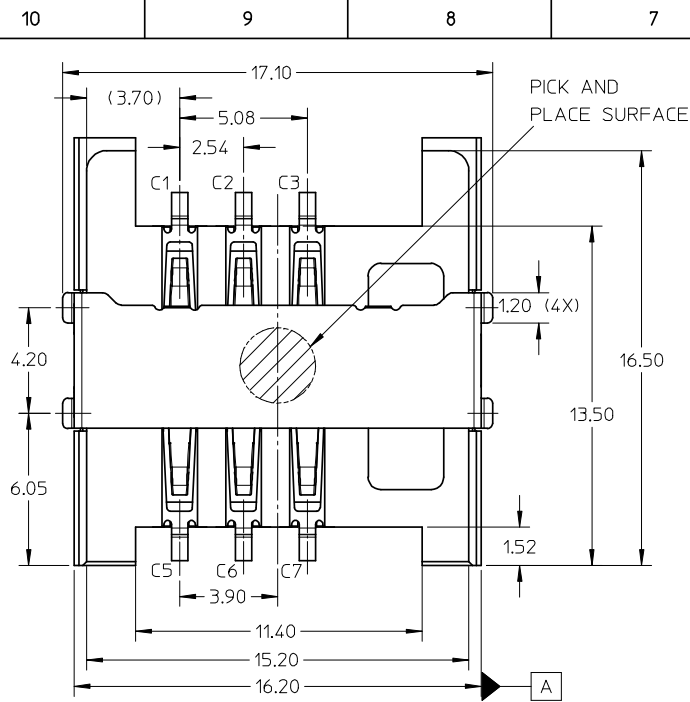
Material Info

Reference - Drawing Numbers

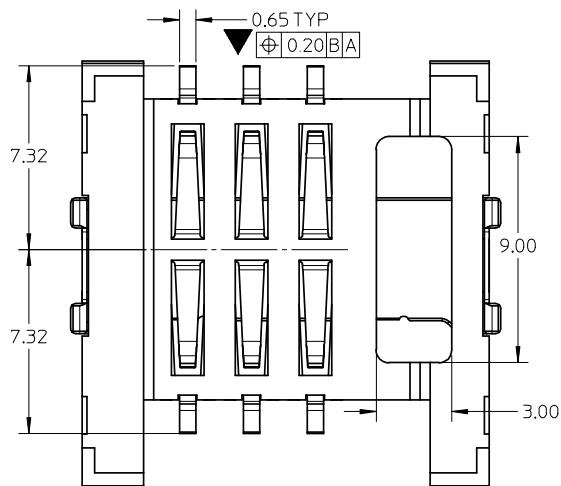
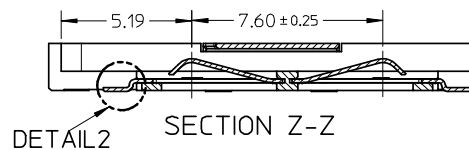
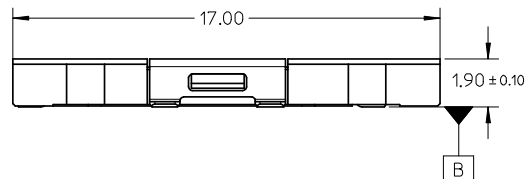
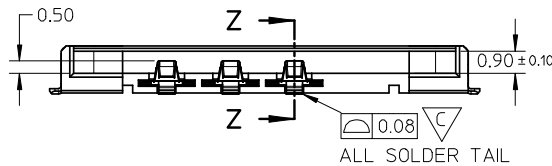
Packaging Specification	PK-47548-001
Product Specification	PS-47548-001
Sales Drawing	SD-47548-001
Test Summary	TS-47548-001

This document was generated on 05/25/2010

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RECOMMENDED PCB LAYOUT
DIMENSIONS GENERAL TOLERANCE : ± 0.05



NOTE:

- 1 MATERIAL: HOUSING: LCP, GLASS FILLED, UL 94V-0, COLOR:BLACK, TERMINAL: PHOSPHOR BRONZE, THICKNESS:0.15MM SHELL: STAINLESS STEEL, THICKNESS:0.20MM
- 2 FINISH: TERMINAL: 50 μ MIN NICKEL PLATING OVER ALL. 15 μ MIN GOLD PLATING ON CONTACT AREA GOLD FLASH PLATING ON SOLDER AREA SHELL: GOLD FLASH OVER 50 μ MIN NICKEL ON SOLDERING AREA
- 3 PRODUCT SPECIFICATION: PS-47548-001
- 4 PACKAGE INFORMATION: PK-47548-001

RELEASED EC NO: SH2008-0563 DRWN:YWANG91 CHKD:YLZHU APPR:HWANG	DESCRIPTION	QUALITY SYMBOLS ▽=1	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION		
				MM ONLY		5:1	METRIC			
				DRAWN BY DATE		TITLE ASSEMBLY SIM CARD CONNECTOR 1.9MM HEIGHT				
				YWANG 2007/01/16						
				CHECKED BY DATE						
				XIXU 2007/01/17		MOLEX INCORPORATED				
				APPROVED BY DATE						
				JNCHEN 2007/01/18						
				MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
				475480001		SD-47548-001		1 OF 1		
SIZE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								
A3										