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Part Number: **0473882001**
Status: **Active**
Description: 2.54mm (.100") Pitch SIM Card Connector, 6 Circuits, Surface Mount, with PCB Retention Solder Tabs, with Cover Shell, Housing Height 1.90mm (.075"), with 4 Dimples, Lead Free

Documents:

[3D Model](#) [Product Specification PS-47388-201 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family	Memory Card Sockets
Series	<u>47388</u>
Button Type	N/A
Comments	With 4 Dimples; Terminal Width 1.14mm (.045")
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	Tin
Material - Resin	High Temperature Thermoplastic
PCB Locator	No
PCB Mounting Side	Reverse
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)	29.5
Plating min: Mating (µm)	0.75
Plating min: Termination (µin)	150
Plating min: Termination (µm)	3.80
Ports	1
Temperature Range - Operating	-40°C to +85°C
Termination Interface: Style	Surface Mount

Electrical

Current - Maximum per Contact	0.05A
Shielded	Yes
Voltage - Maximum	5V

Solder Process Data

Duration at Max. Process Temperature (seconds)	3
Lead-free Process Capability	Reflow Capable (SMT only)

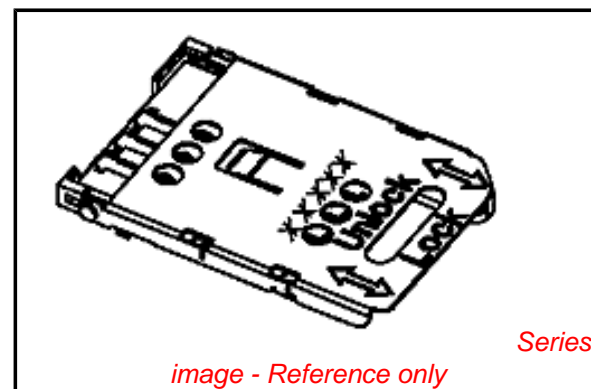


image - Reference only

EU RoHS

RoHS Compliant by Exemption

REACH SVHC

Not Reviewed

Halogen-Free

Status

Halogen-Free

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

47388Series

Mates With

Standard SIM Card

Max. Cycles at Max. Process Temperature	1
Process Temperature max. C	255

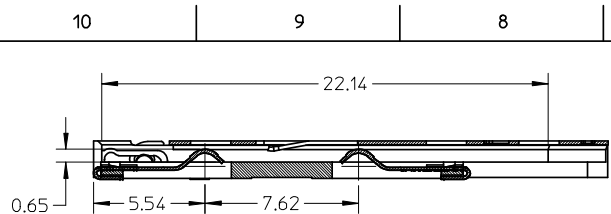
Material Info

Reference - Drawing Numbers

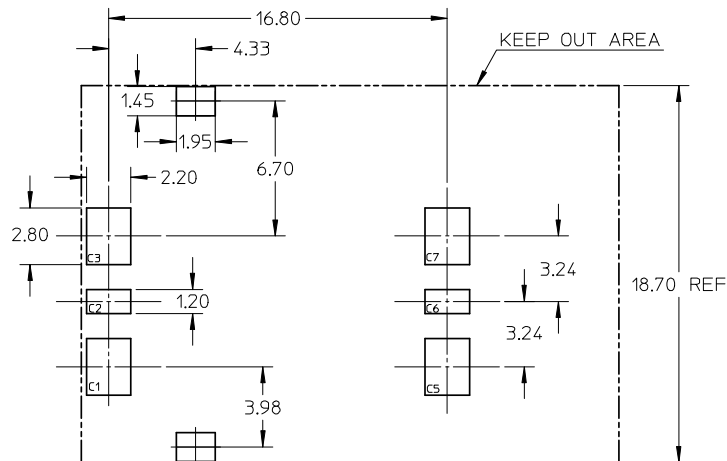
Product Specification	PS-47388-201
Sales Drawing	SD-47388-201

This document was generated on 04/21/2010

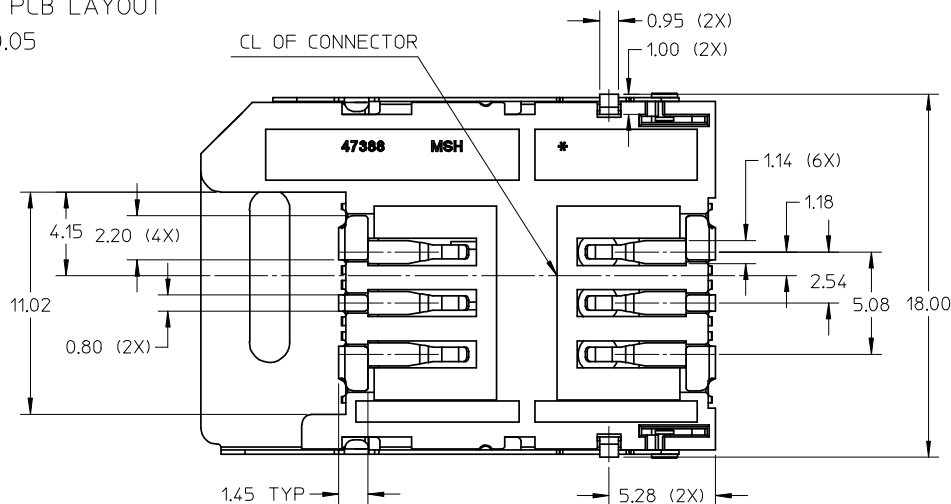
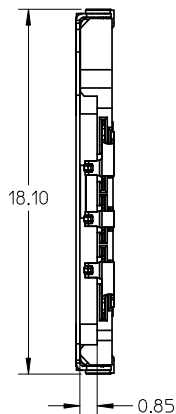
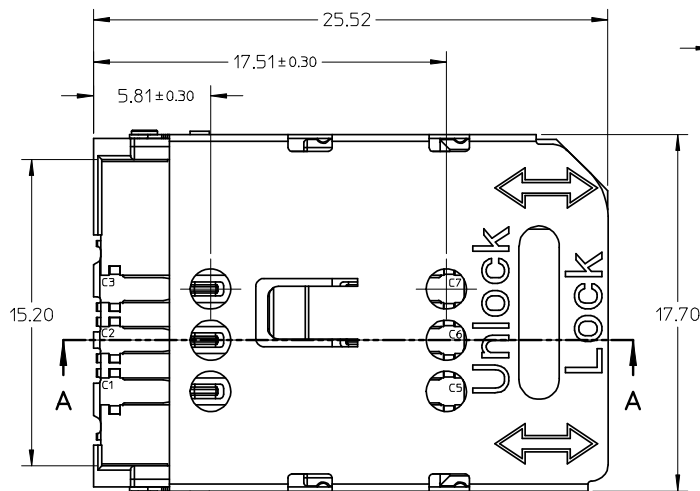
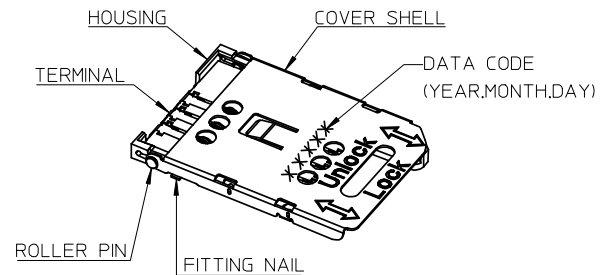
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SECTION A-A



RECOMMENDED PCB LAYOUT
TOLERANCE: ± 0.05



NOTES:

1.MATERIALS:

- HOUSING: LCP, GLASS FILLED, UL 94V-0, COLOR IS BLACK.
- TERMINAL: PHOSPHOR BRONZE, THICKNESS: 0.15mm.
- COVER SHELL: STAINLESS STEEL, THICKNESS: 0.2mm.
- ROLLER PIN: BRASS
- FITTING NAIL: BRASS THICKNESS 0.2mm

2.FINISH:

- TERMINAL: CONTACT AREA: 0.75 MICRON GOLD PLATE OVER 1.27 MICRON MIN NICKEL. SOLDER AREA: 3.8 MICRON TIN PLATE OVER 1.27 MICRON MIN NICKEL. ROLLER PIN: 2.54 MICRON MIN NICKEL OVERALL.
- FITTING NAIL: 2.54 MICRON MIN TIN OVER 1.27 MICRO NICKEL OVERALL

3.COPLANARITY: 0.1 MAX.AMONG ALL SOLDER TAILS.

4.PRODUCT SPECIFICATION: PS-47388-201

5.PACKAGING INFORMATION: PK-47388-001

RELEASED EC NO: SHZ008-0464 DRWN: YWANG91 CHKD: YLZHU APPR: HWANG	2008/06/30 2008/07/01 2008/07/23	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
			$\nabla=0$ $\square=0$	mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.25 ± --- 1 PLACE ± --- ± --- ANGULAR ± 1°	MM ONLY	4:1	METRIC	
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DRAWN BY	DATE	TITLE	
					YWANG	2007/05/28	1.90MM SIM CARD READER CONNECTOR	
				CHECKED BY	DATE	MOLEX INCORPORATED DOCUMENT NO. SD-47388-201 SHEET NO. 1 OF 1		
				XIXU	2007/05/28			
				APPROVED BY	DATE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
				JNCHEN	2007/05/28			
				MATERIAL NO.				
				473882001				
				SIZE				
				A3				