

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

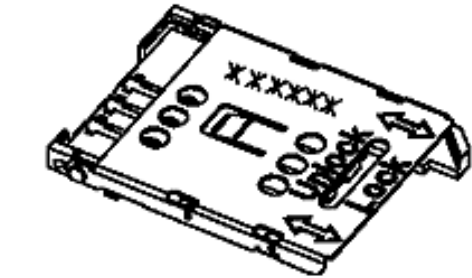
0473883001

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 and Guide Rail, Lead Free



Series

image - Reference only

Documents:

- [3D Model](#)
- [Drawing \(PDF\)](#)
- [Product Specification PS-47388-301 \(PDF\)](#)
- [RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family	Memory Card Sockets
Series	47388
Button Type	N/A
Comments	With 4 Dimples and Guide Rail; Overall Connector Length 22.75mm (.90")
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

Material Info

Reference - Drawing Numbers

EU RoHS

RoHS Compliant by Exemption

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed

China RoHS



Pb

Need more information on product environmental compliance?

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

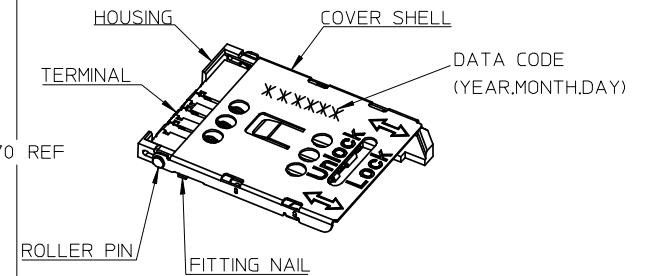
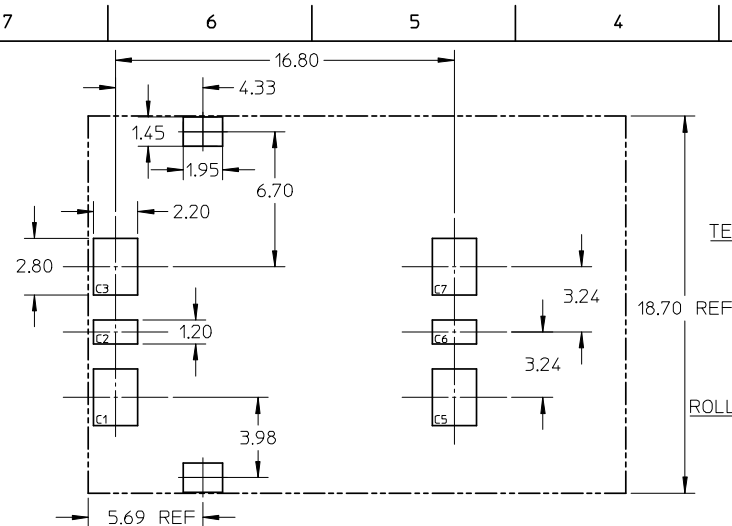
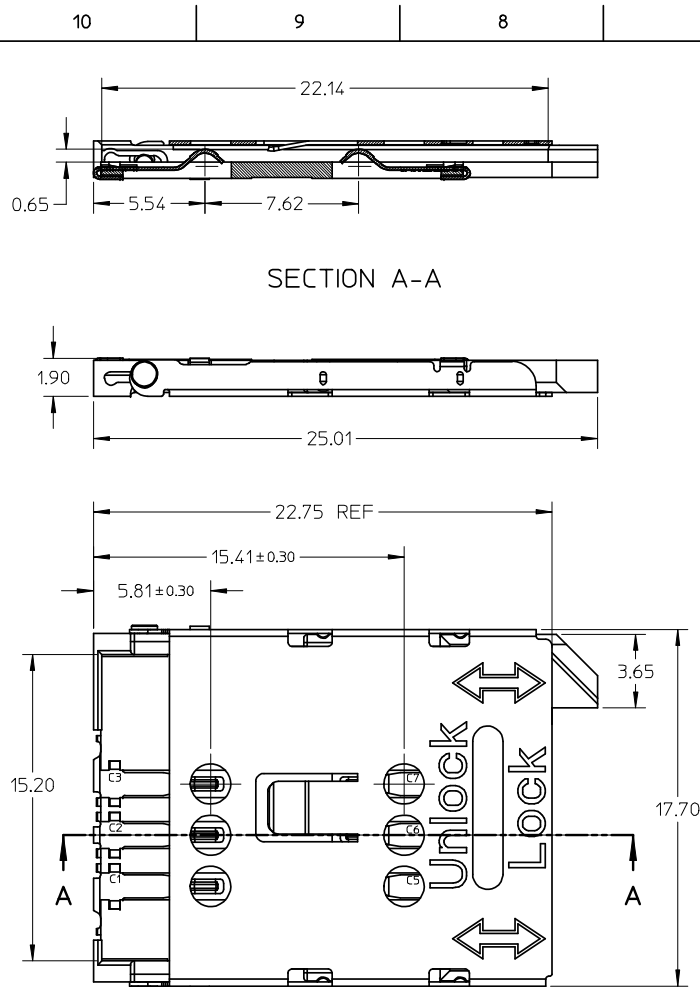
Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series
47388Series

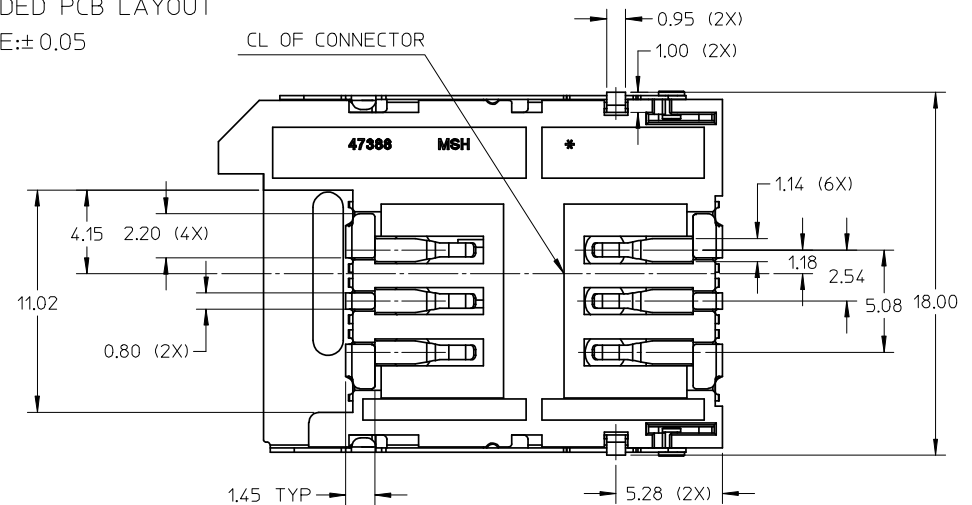
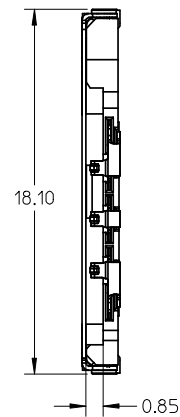
Mates With
Standard SIM Card

This document was generated on 03/31/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION



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-47388-301

5.PACKAGING INFORMATION:PK-47388-001

RELEASED	EC NO: SH2008-0464			2008/06/30
	DRWN:YWG91			2008/07/01
	CHKD:YLZHU			2008/07/23
	APPR:HWANG			
	DESCRIPTION			
	QUALITY SYMBOLS			
	GENERAL TOLERANCES (UNLESS SPECIFIED)			
	DIMENSION STYLE			
	SCALE			
	DESIGN UNITS			
THIRD ANGLE PROJECTION				
DRAWN BY				
DATE				
TITLE				
1.90MM SIM CARD				
READER CONNECTOR				
CHECKED BY				
DATE				
XIXU				
2007/07/09				
APPROVED BY				
DATE				
HWWANG				
2007/07/09				
molex MOLEX INCORPORATED				
MATERIAL NO.				
DOCUMENT NO.				
SHEET NO.				
473883001				
SD-47388-301				
1 OF 1				
DRAFT WHERE APPLICABLE				
MUST REMAIN				
WITHIN DIMENSIONS				
SIZE				
A3				
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				