

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0676872950](#)
Status: **Active**
Description: 2.54mm (.100") Pitch SIM Card Connector, Surface Mount, 6 Circuit, 2.90mm (.114") Housing Height, Lead Free

Documents:

[3D Model](#) [Product Specification PS-67687-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family Memory Card Sockets
Series [67687](#)
Button Type N/A
Comments Housing Height: 2.90mm (.114")
Component Type Header/Socket (Host)
Product Name SIM
Type N/A

Physical

Card Detection Switch N/A
Circuits (Loaded) 6
Circuits (maximum) 6
Color - Resin Black
Durability (mating cycles max) 10,000
Ejector Button Side No Ejector Button Present
Entry Angle N/A
Keying to Mating Part None
Material - Metal Phosphor Bronze
Material - Plating Mating Gold
Material - Plating Termination Tin
Material - Resin High Temperature Thermoplastic
PCB Locator No
PCB Mounting Side Normal
PCB Retention None
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) 30
Plating min: Mating (µm) 0.76
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

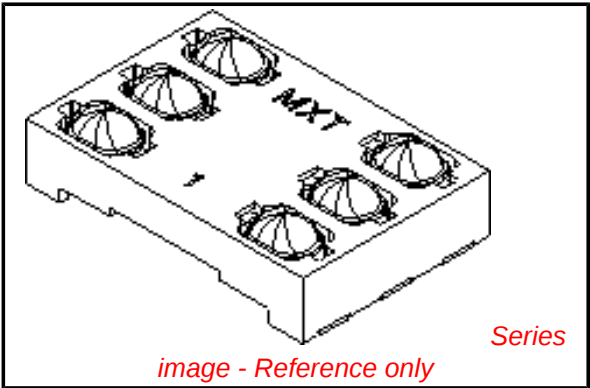
Electrical

Current - Maximum per Contact 0.5A
Shielded No
Voltage - Maximum 50V DC

Material Info

Reference - Drawing Numbers

Product Specification PS-67687-001
Sales Drawing SD-67687-511



EU RoHS

**ELV and RoHS
Compliant**

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed

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

[67687Series](#)

Mates With

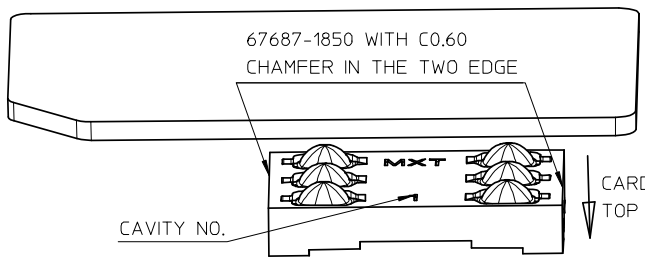
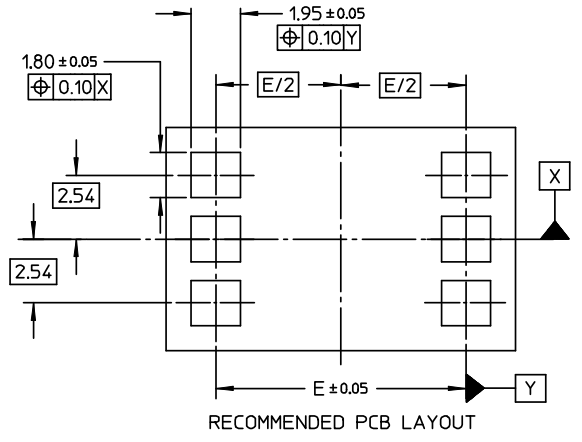
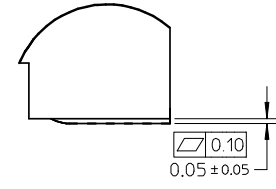
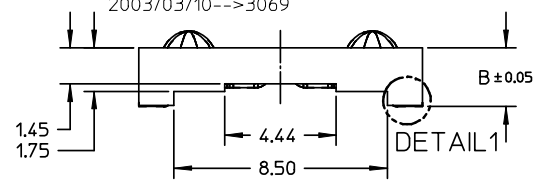
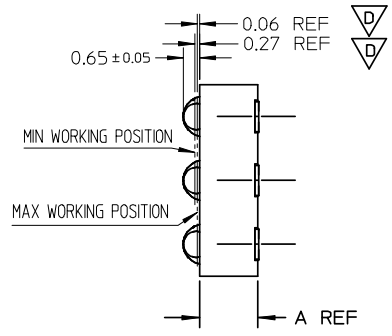
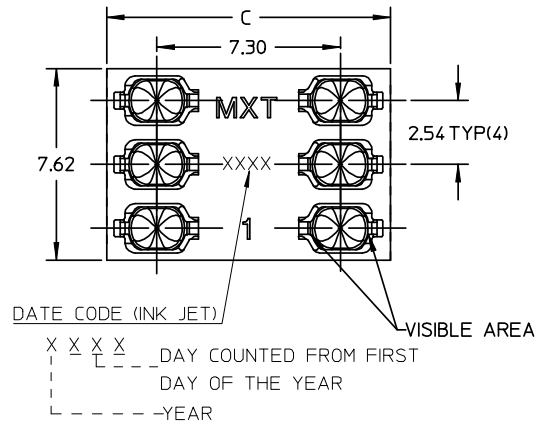
Standard SIM Card

This document was generated on 03/31/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

DIMENSION E	DIMENSION D	DIMENSION C	DIMENSION A	PART NUMBER
9.95	1.00	11.30	1.80	67687-1850
10.05	1.20	11.70	2.00	67687-2050
9.95	1.00	11.30	2.30	67687-2350
9.95	1.00	11.30	2.45	67687-2550
9.95	1.00	11.30	2.90	67687-2950
9.95	1.00	11.30	3.50	67687-3550

*.DIMB=DIMA+0.05



NOTES:
1 MATERIAL:
HOUSING: HIGH TEMPERATURE PLASTIC,
TERMINAL: COPPER ALLOY
2. PLATING:
CONTACT AREA PLATING:
30u" MIN GOLD OVER 50u" MIN NICKEL PLATING
SOLDERING AREA PLATING:
100u" MIN PURE TIN OVER 50u" MIN NICKEL PLATING
VISIBLE AREA PLATING:
GOLD FLASH OVER 50u" MIN NICKEL PLATING
3. PACKAGING: TAPE REEL
4. PRODUCT SPECIFICATION: PS-67687-001
5. COMPLIANT TO RoHS DIRECTIVE 2002/95/EC AND
ELV DIRECTIVE 2000/53/EC.

RELEASE EC NO: SH2008-0471 DRWN:PCHU CHKD:YLZHUO2 APPR:HWANG REV	DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE 5:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION			
				mm	INCH	DRAWN BY SSUN	DATE 2004/11/04	TITLE 6 CKTS SIM CARD CONNECTOR SD DRAWING					
			4 PLACES	± ---	± ---	CHECKED BY RZHAO	DATE 2004/11/04						
			3 PLACES	± ---	± ---	APPROVED BY SAMHUANG		DATE 2004/11/04	MOLEX INCORPORATED				
			2 PLACES	± 0.05	± ---								
			1 PLACE	± 0.10	± ---	DOCUMENT NO. SD-67687-511							
			ANGULAR ± 2 °										
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			MATERIAL NO. SEE TABLE		SHEET NO. 1 OF 1								
			SIZE A3 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION										