

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0676872050

Status:

Active

Description:

2.54mm (.100") Pitch SIM Card Connector, Surface Mount, 6 Circuit, 2.00mm (.079") Housing Height, Lead Free

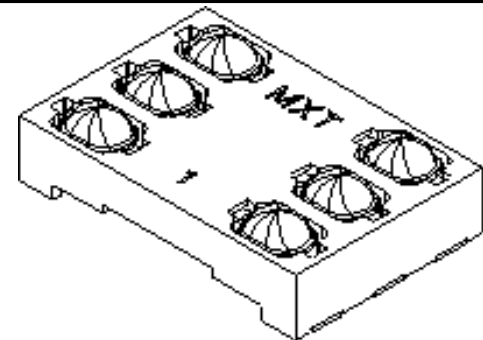


image - Reference only

Series

Documents:

3D Model

Drawing (PDF)

[RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family	Memory Card Sockets
Series	67687
Button Type	N/A
Comments	Housing Height: 2.00mm (.079")
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	Copper Alloy
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

Sales Drawing	SD-67687-511
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EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Not Reviewed

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

67687Series

Mates With

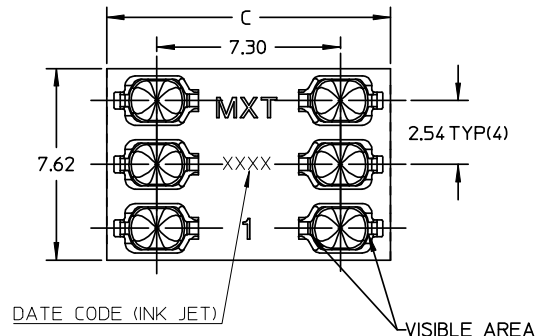
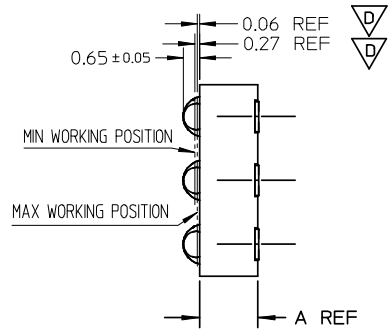
Standard SIM Card

This document was generated on 03/31/2010

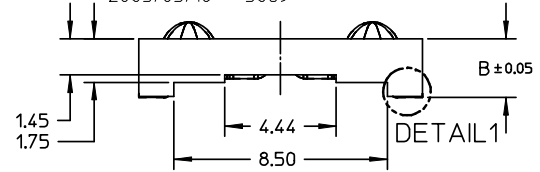
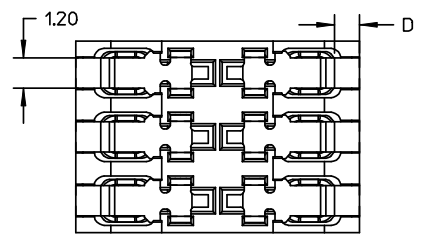
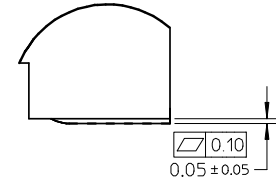
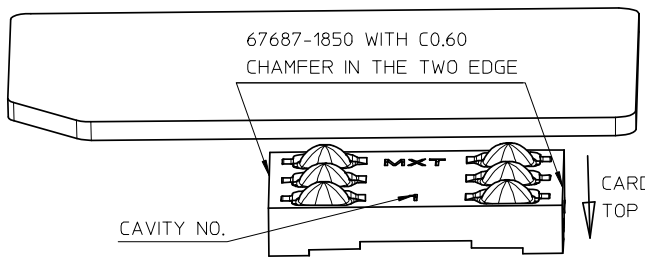
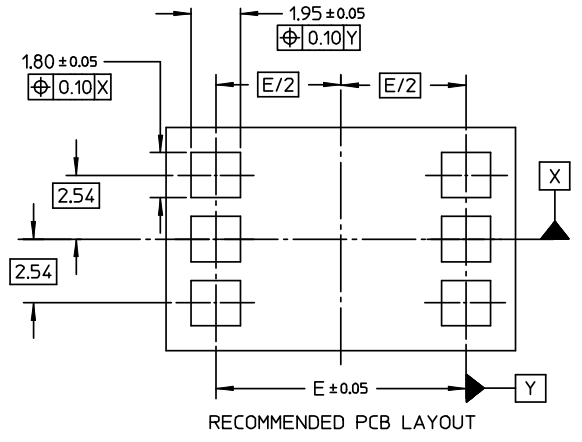
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DIMENSION E	DIMENSION D	DIMENSION C	DIMENSION A	PART NUMBER
9.95	1.00	11.30	1.80	67687-1850
10.05	1.20	11.70	2.00	67687-2050
9.95	1.00	11.30	2.30	67687-2350
9.95	1.00	11.30	2.45	67687-2550
9.95	1.00	11.30	2.90	67687-2950
9.95	1.00	11.30	3.50	67687-3550

*.DIMB=DIMA+0.05



DATE CODE (INK JET)
X X X X DAY COUNTED FROM FIRST
- - - - DAY OF THE YEAR
- - - - YEAR
EX. 2002/01/15-->2015
2002/02/10-->2041
2003/03/10-->3069



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		2008/03/25		DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE		SCALE		DESIGN UNITS		THIRD ANGLE PROJECTION	
	DRWN: PCU		2008/04/11							MM ONLY		5:1		METRIC			
	CHKD: YLZHUO2		2008/07/02														
	APPR: HWANG																
REV	D					=0				DRAWN BY		DATE		TITLE			
							SSUN			2004/11/04							
							CHECKED BY			DATE							
					=0	4 PLACES ± ---			INCH		± ---			6 CKTS SIM CARD CONNECTOR SD DRAWING			
				3 PLACES ± ---			± ---		± ---								
				2 PLACES ± 0.05			± ---		± ---								
				1 PLACE ± 0.10			± ---		APPROVED BY			DATE		MOLEX MOLEX INCORPORATED			
				ANGULAR ± 2 °			SAMHUANG			2004/11/04							
							DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			MATERIAL NO.		DOCUMENT NO.		SHEET NO.			
										SEE TABLE		SD-67687-511		1 OF 1			
										SIZE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					
										A3							