

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

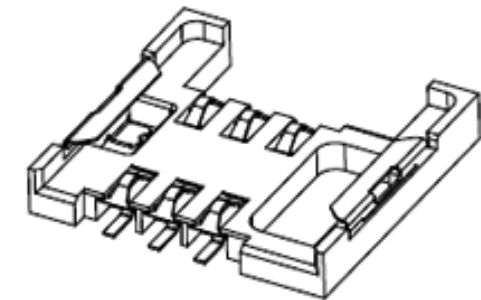
0472738001

Status:

Active

Description:

2.54mm (.100") Pitch SIM Card Holder, 6 Circuits, SMT, 0.25µm (10µ") Gold (Au) Plating, with Staggered Solder Tabs, Housing Height 2.70mm (.106"), Lead Free



Series

image - Reference only

- Documents:
- [Drawing \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)
- [Product Specification PS-47273-001 \(PDF\)](#)

General	
Product Family	Memory Card Sockets
Series	47273
Button Type	N/A
Component Type	Card Holder (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)	5,000
Ejector Button Side	No Ejector Button Present
Entry Angle	Vertical (Top Entry)
Keying to Mating Part	Yes
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Material - Resin	High Temperature Thermoplastic
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)	10
Plating min: Mating (µm)	0.25
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 AC (RMS)/DC
Solder Process Data	
Duration at Max. Process Temperature (seconds)	3
Lead-free Process Capability	Reflow Capable (SMT only)
Max. Cycles at Max. Process Temperature	3
Process Temperature max. C	250

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Contains SVHC: No

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

47273Series

Mates With

Standard SIM Card

Material Info

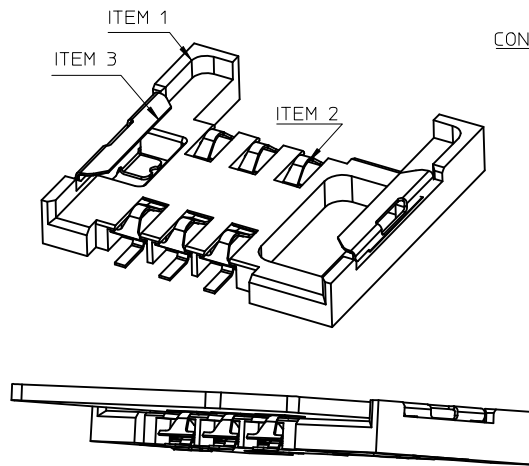
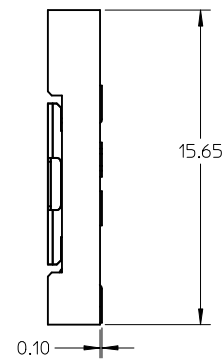
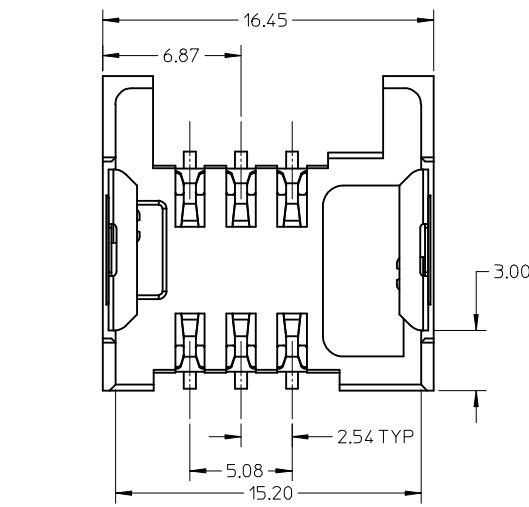
Reference - Drawing Numbers

Product Specification	PS-47273-001
Sales Drawing	SD-47273-801

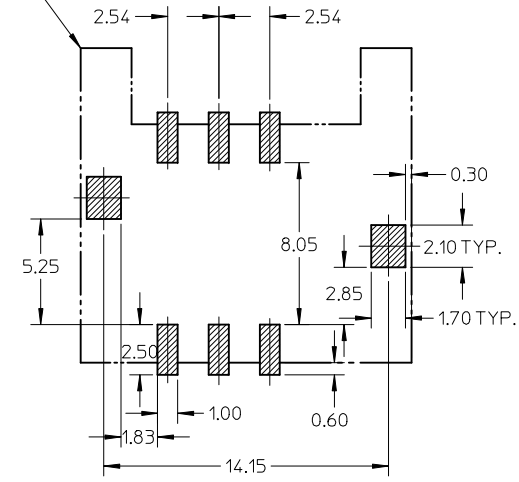
This document was generated on 04/19/2010

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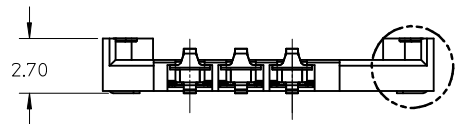
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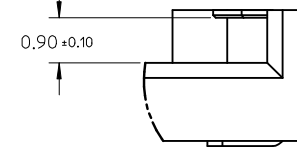
CONNECTOR PROFILE



RECOMMENDED PCB LAYOUT



DETAIL1



DETAIL1

NOTES:

1.MATERIAL:

HOUSING: LCP, GLASS-FILLED, UL 94V-0, COLOR .BLACK.
TERMINAL: 0.12MM PHOSPHOR BRONZE.
SHELL: STAINLESS STEEL.

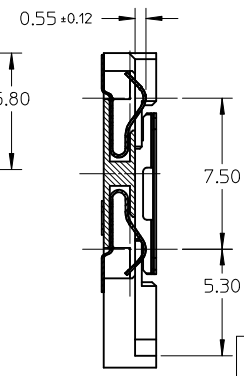
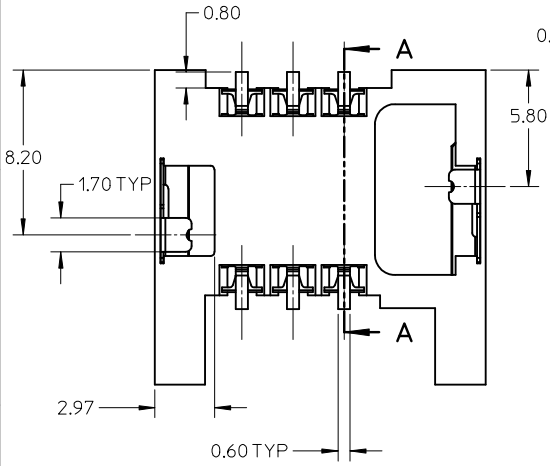
2.FINISH:

TERMINAL CONTACT AREA: 10μ" GOLD PLATING OVERALL 1.25 MICRON NICKEL MIN.
TERMINAL SOLDER AREA: GOLD FLASH OVERALL 1.25 MICRON NICKEL MIN.
SHELL: GOLD FLASH OVER SOLDERING PAD, 2.0 MICRON NICKEL MIN. OVERALL

3.COPLANARITY: 0.1MM MAX AMONG SOLDER TAILS AND FITTING NAILS.

4.PRODUCT SPECIFICATION: PS-47273-001.

5.PRODUCT COMPLIANT TO ROHS DIRECTIVE 2002/95/EC
AND ELV DIRECTIVE 2000/53/EC



SECTION A-A

ITEM	NAME	MATERIAL NO.
1	HOUSING	472730002
2	TERMINAL	472738003
3	SHELL	472730004

UPDATED PLATING SPEC.	EC NO:	2009/09/01
	DRWN:LIU10	2009/09/01
	CHKD:	2009/09/13
	APPR:WEDENG	2009/09/13
A	REV	

QUALITY SYMBOLS
▽=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)	
	mm INCH
4 PLACES	± --- ± ---
3 PLACES	± --- ± ---
2 PLACES	± 0.2 ± ---
1 PLACE	± --- ± ---
ANGULAR ± 3 °	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

DIMENSION STYLE	
MM ONLY	
DRAWN BY	DATE
OYANG	2005-08-31
CHECKED BY	DATE
Y. J WU	2005-08-31
APPROVED BY	DATE
VINCENT	2005-08-31
MATERIAL NO.	
472738001	

SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
TITLE SIM CARD CONNECTOR SALES DRAWING			
molex MOLEX INCORPORATED			
DOCUMENT NO. SD-47273-801		SHEET NO. 1 OF 1	
THIS INFORMATION THAT IS PROPRIETARY TO MOLEX SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

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