

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

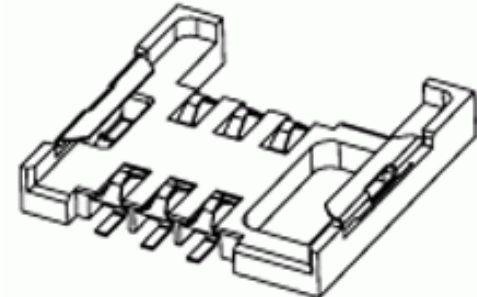
0472730001

Status:

Active

Description:

2.54mm (.100") Pitch SIM Card Holder, 6 Circuits, SMT, 0.75µm (30µ") Gold (Au) Plating, with Staggered Solder Tabs, Housing Height 2.70mm (.106"), Lead Free



Series

image - Reference only

Documents:

- [3D Model](#)
- [Drawing \(PDF\)](#)
- [Product Specification PS-47273-001 \(PDF\)](#)
- [RoHS Certificate of Compliance \(PDF\)](#)

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)	30
Plating min: Mating (µm)	0.75
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
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

47273Series

Mates With
Standard SIM Card

Material Info

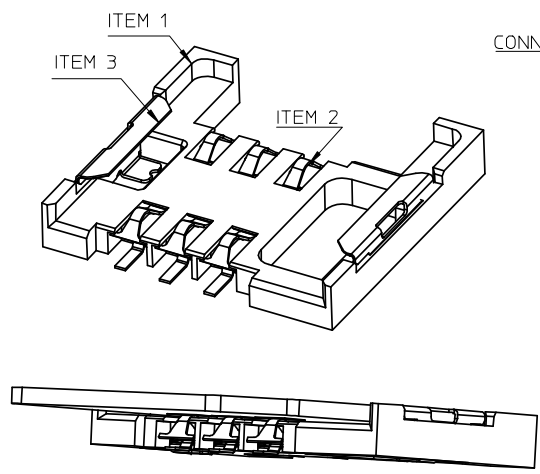
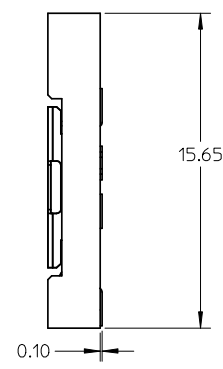
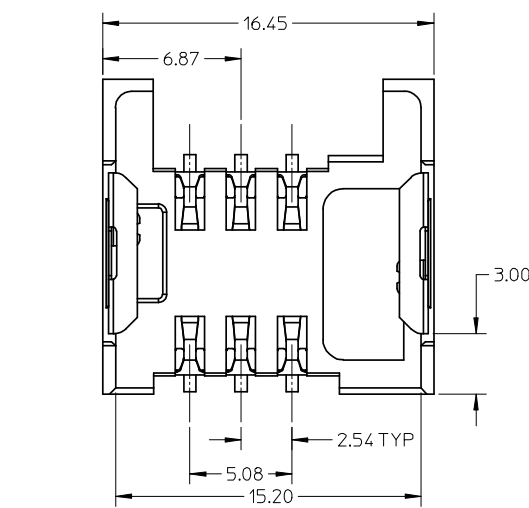
Reference - Drawing Numbers

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

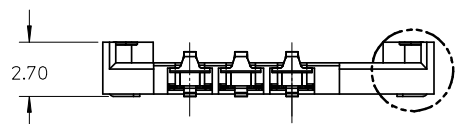
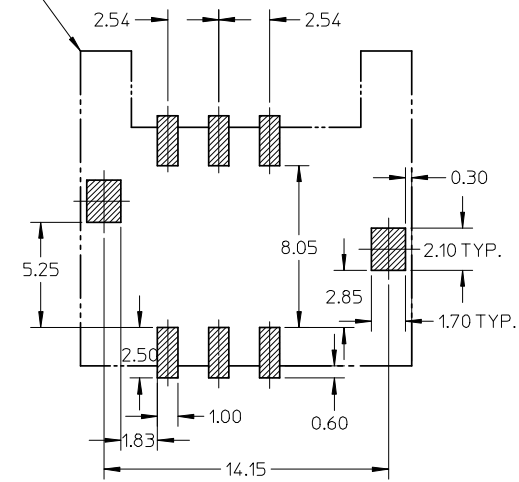
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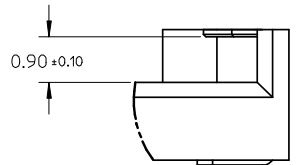
10 9 8 7 6 5 4 3 2 1



CONNECTOR PROFILE



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: 0.75 MICRON GOLD MIN 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

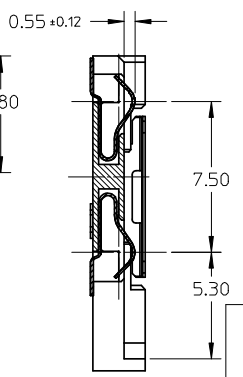
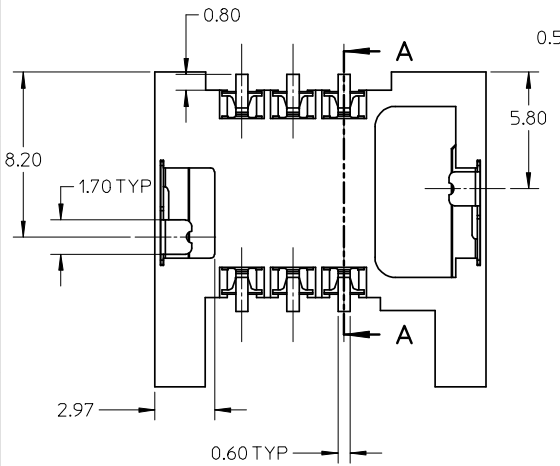
3.COPLANARITY: 0.1MM MAX AMONG SOLDER TAILS AND FITTING NAILS.

4.PRODUCT SPECIFICATION: PS-47273-001.

5.PRODUCT COMPLIANT TO ROHS DIRECTIVE 2002/95/EC

AND ELV DIRECTIVE 2000/53/EC

RECOMMENDED PCB LAYOUT



SECTION A-A

ITEM	NAME	MATERIAL NO.
1	HOUSING	472730002
2	TERMINAL	472730003
3	SHELL	472730004

REVISED
EC NO: SH2008-0256
DRWN: YPWU 2007/11/05
CHKD:
APPR:

QUALITY SYMBOLS
▽=0
C=0
DESCRIPTION
REV

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
OYANG
DATE
2005-08-31
CHECKED BY
Y. J WU
DATE
2005-08-31
APPROVED BY
VINCENT
DATE
2005-08-31
MATERIAL NO.
472730001

SCALE
4:1
TITLE
SIM CARD CONNECTOR
SALES DRAWING

DESIGN UNITS
METRIC
THIRD ANGLE
PROJECTION

MOLEX INCORPORATED
DOCUMENT NO.
SD-47273-001
SHEET NO.
1 OF 1

9 8 7 6 5 4 3 2 1