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Part Number:

0474690001

Status:

Active

Description:

2.54mm (.100") Pitch Low Profile SIM Card Connector, 6 Circuits, Housing Height 1.03mm (.041"), 0.30µm (12µ") Gold (Au) Plating over 1.27µm (50 µ") Nickel on Contact Area

Documents:

3D Model

Drawing (PDF)

Product Specification PS-47469-001 (PDF)

RoHS Certificate of Compliance (PDF)

General

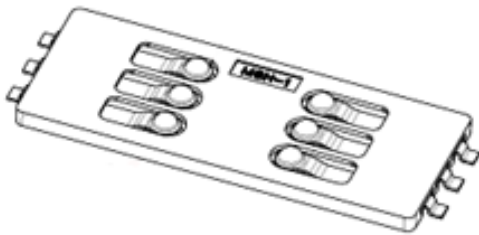
Product Family	Memory Card Sockets
Series	47469
Button Type	N/A
Comments	0.60mm (.024") Contact Height above Top Housing Surface
Component Type	Header/Socket (Host)
Product Name	SIM
Type	N/A

Physical

Card Detection Switch	No
Circuits (Loaded)	6
Circuits (maximum)	6
Color - Resin	Black
Durability (mating cycles max)	500
Ejector Button Side	No Ejector Button Present
Entry Angle	90° Angle
Keying to Mating Part	None
Material - Metal	Copper Alloy, Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Material - Resin	High Temperature Thermoplastic
PC Tail Length (in)	0.000 In
PC Tail Length (mm)	0.00 mm
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)	12
Plating min: Mating (µm)	0.30
Plating min: Termination (µin)	1
Plating min: Termination (µm)	0.025
Ports	0
Temperature Range - Operating	-40°C to +85°C
Termination Interface: Style	Surface Mount

Electrical

Current - Maximum per Contact	0.01A
Shielded	No
Voltage - Maximum	5V



Series

image - Reference only

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
47469Series

Mates With
Standard SIM Card

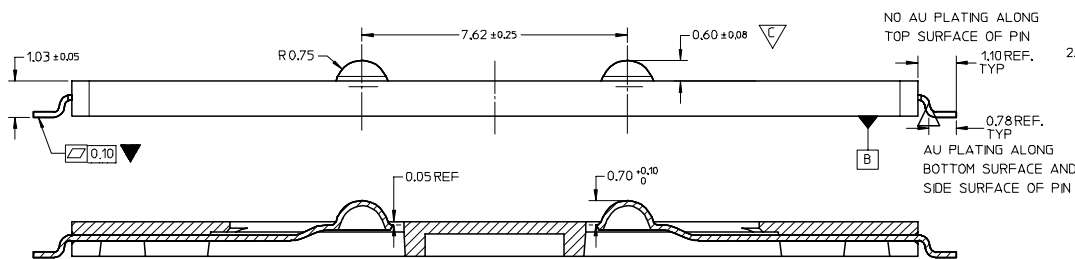
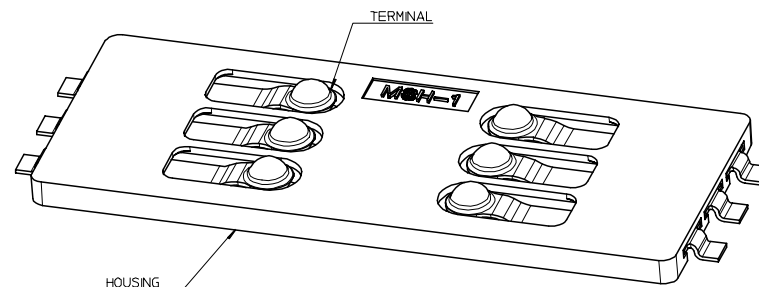
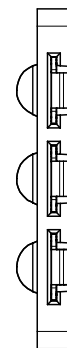
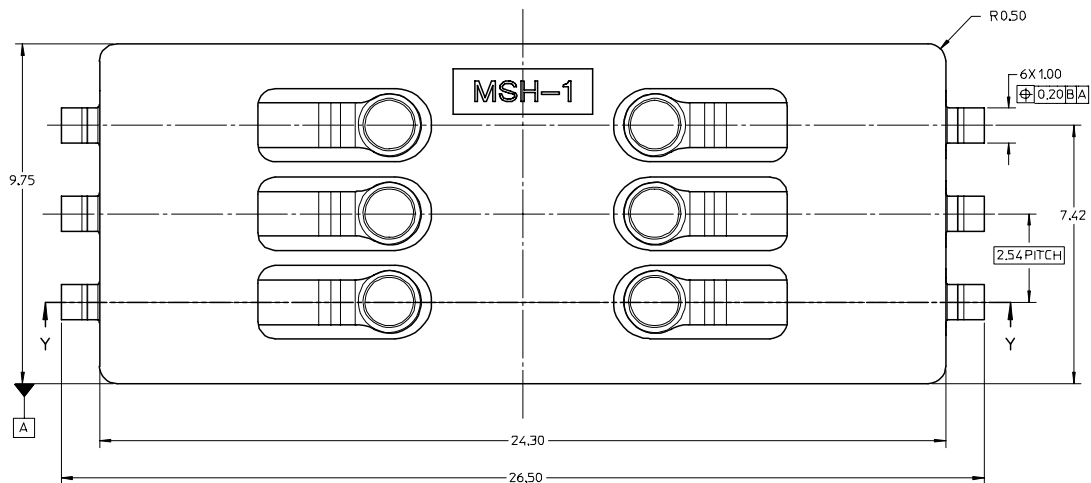
Material Info

Reference - Drawing Numbers

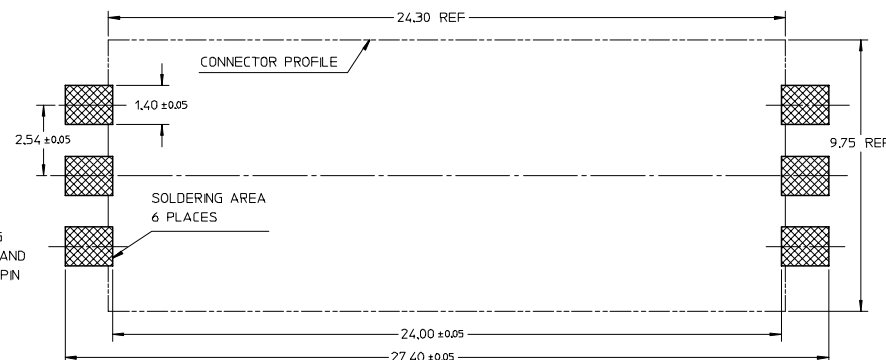
Product Specification	PS-47469-001
Sales Drawing	SD-47469-001

This document was generated on 03/31/2010

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SECTION Y-Y



RECOMMENDED PCB LAYOUT

NOTE:

1 MATERIAL:

HOUSING : HIGH TEMPERATURE THERMOPLASTIC, COLOR BLACK
TERMINAL : COPPER ALLOY, PHOSPHOR-BRONZE

2 FINISH:

CONTACT AREA: 0.3 MICRON MIN GOLD PLATING OVER 1.27 MICRON NICKEL MIN
SOLDER AREA : GOLD PLATING 0.025-0.075 MICRON OVER 1.27 MICRON NICKEL MIN
3 COPLANARITY: 0.1 MAX AMONG THESE SOLDER TAILS.

NEW PRODUCT EC NO: 2006/05/16 DRAWN: CYZHU CHKD: XIXU APPR: A	DESCRIPTION	QUALITY SYMBOLS ▽=1 ▽=1	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 10:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION				
				mm	INCH	DRAWN BY CYZHU	DATE 2006/02/27	ASSEMBLY LOW PROFILE SIM READER					
			4 PLACES	±---	±---	CHECKED BY	DATE						
			3 PLACES	±---	±---	XIXU	2006-05-15						
			2 PLACES	±0.15	±---	APPROVED BY		DATE	MOLEX INCORPORATED				
			1 PLACE	±0.2	±---								
			ANGULAR ±1/2°			MATERIAL NO. 474690001		DOCUMENT NO. SD-47469-001		SHEET NO. 1 OF 1			
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							