

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

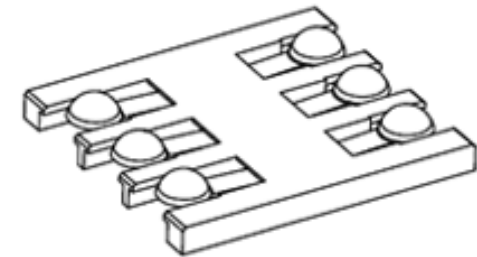
0475350001

Status:

Active

Description:

2.54mm (.100") Pitch SIM Card Connector, Dome Type, 6 Circuits, Housing Height 0.95mm (.037"), Lead Free



Series

image - Reference only

Documents:

- [3D Model](#)
- [Drawing \(PDF\)](#)
- [Product Specification PS-47535-001 \(PDF\)](#)
- [RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family	Memory Card Sockets
Series	47535
Button Type	N/A
Comments	Housing Height: 0.95mm (.037")
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	Horizontal, Side Entry, Vertical
Keying to Mating Part	None
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Gold
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)	0.75
Plating min: Termination (µin)	2
Plating min: Termination (µm)	0.05
Ports	0
Temperature Range - Operating	-20°C to +70°C
Termination Interface: Style	Surface Mount

Electrical

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

Solder Process Data

Duration at Max. Process Temperature (seconds)	3
Lead-free Process Capability	Reflow Capable (SMT only)

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

47535Series

Mates With

Standard SIM Card

Use With

SIM Card

Max. Cycles at Max. Process Temperature	1
Process Temperature max. C	255

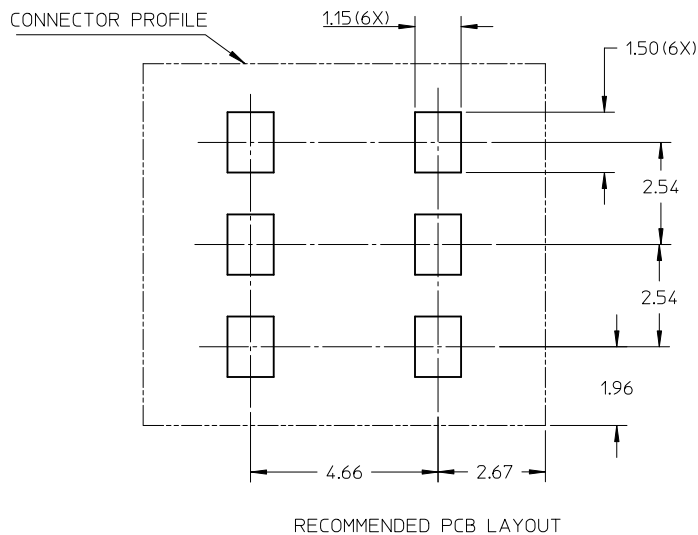
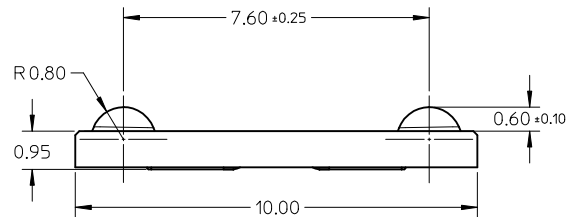
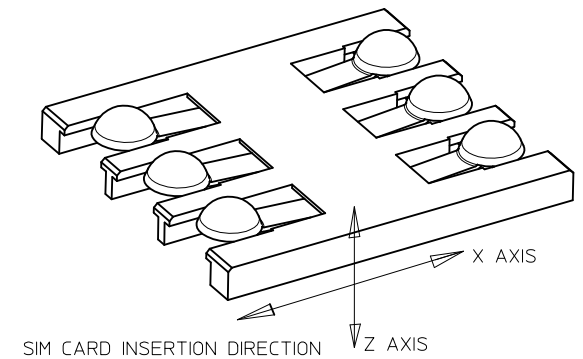
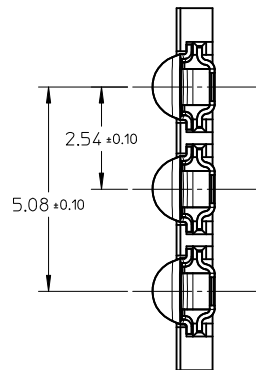
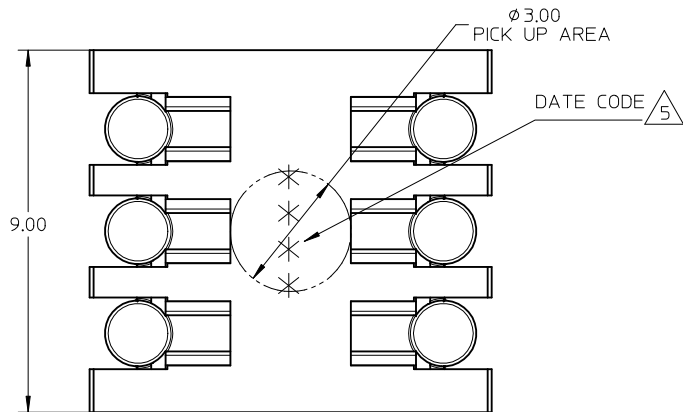
Material Info

Reference - Drawing Numbers

Product Specification	PS-47535-001
Sales Drawing	SD-47535-001

This document was generated on 03/31/2010

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NOTE:

1.MATERIAL:

HOUSING:LCP,UL 94V-0,COLOR IS BLACK.

TERMINAL:COPPER ALLOY,THICKNESS IS 0.12mm.

2.FINISH:

TERMINAL:

CONTACT AREA:SELECTIVE 0.75 TO 1.25 MICRON GOLD .

SOLDER TAIL:0.05 to 0.125 MICRON GOLD FLASH.

UNDERPLATING ALL OVER 1.25 TO 3.75 MICRON NICKEL.

3.COPLANARITY:0.1MM MAX. AMONG THESE TERMINAL SOLDER TAILS.

4.PRODUCT SPECIFICATION:PS-47535-***.

5.DATE CODE(4 DIGITS)

EXAMPLE

***	DAY COUNTED FROM	2006/01/15	→ 6015
	FIRST DAY OF THE YEAR	2006/02/10	→ 6041
	YEAR	2007/03/10	→ 7069

6.THIS PART 475350001 COMPLIANT TO RoHS DIRECTIVE 2002/95/EC AND ELV 2000/53/EC.

NEW CONTACT HEIGHT EC NO: S2010-0674 DRW:KHLIM CHKD:JTAN APPR:SKTOH		2010/03/22 2010/04/12 2010/04/19		DESCRIPTION REV		QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE		SCALE		DESIGN UNITS		THIRD ANGLE PROJECTION		
											MM ONLY		NTS		METRIC				
						F _A =0		4 PLACES		± ---	± ---	DRAWN BY		DATE		TITLE		EMERALD SIM CONNECTOR	
						F _C =0		3 PLACES		± ---	± ---	CHECKED BY		DATE					
						F _P =0		2 PLACES		± 0.13	± ---	RZHANG		2008/03/17					
		1 PLACE		± ---	± ---	APPROVED BY		DATE		MOLEX MOLEX INCORPORATED		SHEET NO.							
				ANGULAR ± 1 °		SKTOH		2010/04/19											
								MATERIAL NO.		DOCUMENT NO.									
								475350001		SD-47535-001				1 OF 1					
								DRAFT WHERE APPLICABLE											
								MUST REMAIN											
								WITHIN DIMENSIONS											