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Part Number: **0475530001**
Status: **Active**
Description: 1.27mm (.050") Pitch SIM Card Holder with Detect Pins, 6 Circuits, Push- Push Style, Housing Height 1.80mm (.071"), Lead Free

Documents:

[3D Model](#) [Product Specification PS-47553-201 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family	Memory Card Sockets
Series	47553
Button Type	Push-Push
Comments	Without Pegs
Component Type	Card Holder (Host)
Product Name	SIM
Type	N/A

Physical

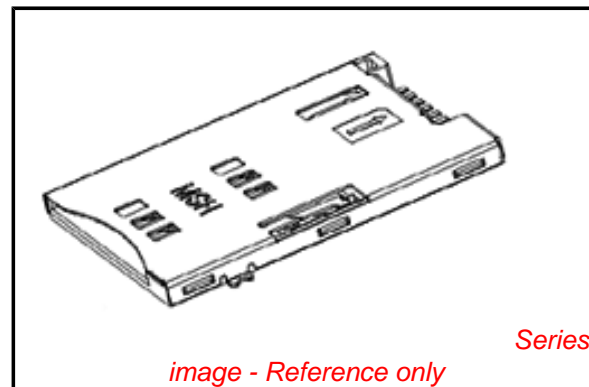
Card Detection Switch	No
Circuits (Loaded)	6
Circuits (maximum)	6
Durability (mating cycles max)	5,000
Ejector Button Side	No Ejector Button Present
Entry Angle	Horizontal
Keying to Mating Part	Yes
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Material - 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	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)	0.050 In
Pitch - Term. Interface (mm)	1.27 mm
Plating min: Mating (µin)	30
Plating min: Mating (µm)	0.76
Plating min: Termination (µin)	3
Plating min: Termination (µm)	0.076
Ports	1
Temperature Range - Operating	-20°C to +85°C
Termination Interface: Style	Surface Mount

Electrical

Current - Maximum per Contact	0.5A
Shielded	Yes
Voltage - Maximum	50V DC

Solder Process Data

Duration at Max. Process Temperature (seconds)	48
Lead-free Process Capability	Reflow Capable (SMT only)



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

47553Series

Mates With

Standard SIM Card

Max. Cycles at Max. Process Temperature	3
Process Temperature max. C	255

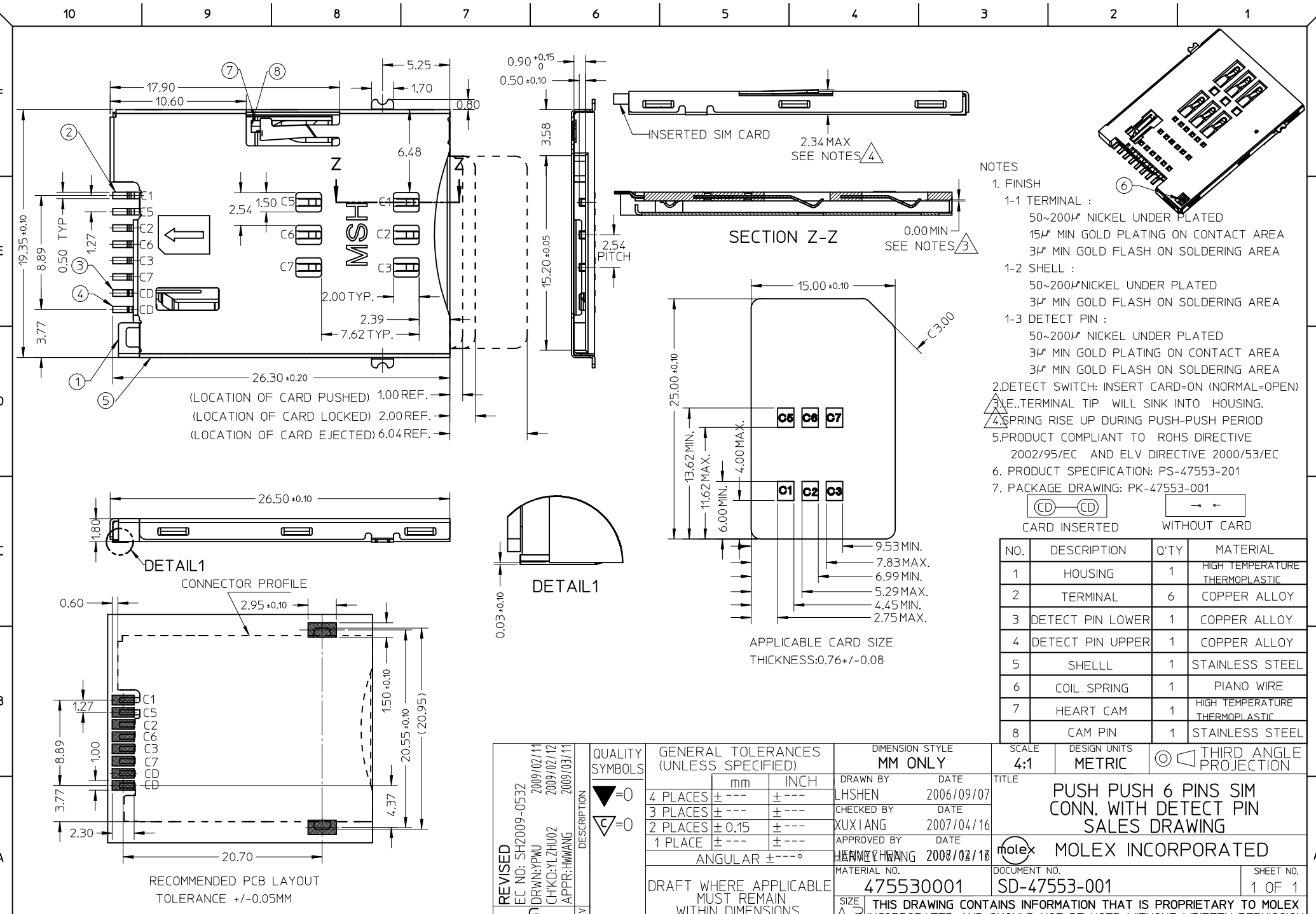
Material Info

Reference - Drawing Numbers

Packaging Specification	PK-47553-001
Product Specification	PS-47553-201
Sales Drawing	SD-47553-001

This document was generated on 05/26/2010

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- NOTES
- FINISH
 - 1-1 TERMINAL :
 - 50~200μ NICKEL UNDER PLATED
 - 15μ MIN GOLD PLATING ON CONTACT AREA
 - 3μ MIN GOLD FLASH ON SOLDERING AREA
 - 1-2 SHELL :
 - 50~200μ NICKEL UNDER PLATED
 - 3μ MIN GOLD FLASH ON SOLDERING AREA
 - 1-3 DETECT PIN :
 - 50~200μ NICKEL UNDER PLATED
 - 3μ MIN GOLD PLATING ON CONTACT AREA
 - 3μ MIN GOLD FLASH ON SOLDERING AREA
 - DETECT SWITCH: INSERT CARD=ON (NORMAL=OPEN)
 - TERMINAL TIP WILL SINK INTO HOUSING.
 - SPRING RISE UP DURING PUSH-PUSH PERIOD
 - PRODUCT COMPLIANT TO ROHS DIRECTIVE 2002/95/EC AND ELV DIRECTIVE 2000/53/EC
 - PRODUCT SPECIFICATION: PS-47553-201
 - PACKAGE DRAWING: PK-47553-001

NO.	DESCRIPTION	Q'TY	MATERIAL
1	HOUSING	1	HIGH TEMPERATURE THERMOPLASTIC
2	TERMINAL	6	COPPER ALLOY
3	DETECT PIN LOWER	1	COPPER ALLOY
4	DETECT PIN UPPER	1	COPPER ALLOY
5	SHELL	1	STAINLESS STEEL
6	COIL SPRING	1	PIANO WIRE
7	HEART CAM	1	HIGH TEMPERATURE THERMOPLASTIC
8	CAM PIN	1	STAINLESS STEEL

REVISED EC NO: SH2009-0532 DRWN: YPWU 2009/02/11 CHKD: YLZHUO 2009/02/12 APPR: HWANG 2009/03/11	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION															
	$\nabla=0$ $\nabla=0$	<table border="1"> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> <tr> <td>4 PLACES</td> <td>± ---</td> <td>± ---</td> </tr> <tr> <td>3 PLACES</td> <td>± ---</td> <td>± ---</td> </tr> <tr> <td>2 PLACES</td> <td>± 0.15</td> <td>± ---</td> </tr> <tr> <td>1 PLACE</td> <td>± ---</td> <td>± ---</td> </tr> </table>		mm	INCH	4 PLACES	± ---	± ---	3 PLACES	± ---	± ---	2 PLACES	± 0.15	± ---	1 PLACE	± ---	± ---	MM ONLY	4:1	METRIC	
		mm	INCH																		
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2 PLACES	± 0.15	± ---																			
1 PLACE	± ---	± ---																			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DRAWN BY: LHSHEH CHECKED BY: XUXIANG APPROVED BY: JIANWEI CHANG DATE: 2006/09/07 DATE: 2007/04/16 DATE: 2008/02/18	TITLE	PUSH PUSH 6 PINS SIM CONN. WITH DETECT PIN SALES DRAWING																		
		MATERIAL NO. 475530001		MOLEX INCORPORATED		SHEET NO. 1 OF 1															