

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: **0476030001**
Status: **Active**
Description: 1.27mm (.050") Pitch SIM Card Holder with Detect Pins, 8 Circuits, Push- Push Style, Housing Height 1.90mm (.075"), Lead Free

Documents:

[3D Model](#) [Product Specification PS-47603-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family	Memory Card Sockets
Series	47603
Button Type	Push-Push
Component Type	Card Holder (Host)
Product Name	SIM
Type	N/A
Physical	
Card Detection Switch	Yes
Circuits (Loaded)	8
Circuits (maximum)	8
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
PCB Mounting Side	Normal
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface (in)	0.050 In
Pitch - Mating Interface (mm)	1.27 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	-40°C to +85°C
Termination Interface: Style	Surface Mount

Electrical

Current - Maximum per Contact	0.05A
Shielded	Yes
Voltage - Maximum	50V DC

Material Info

Reference - Drawing Numbers

Product Specification	PS-47603-001
Sales Drawing	SD-47603-001

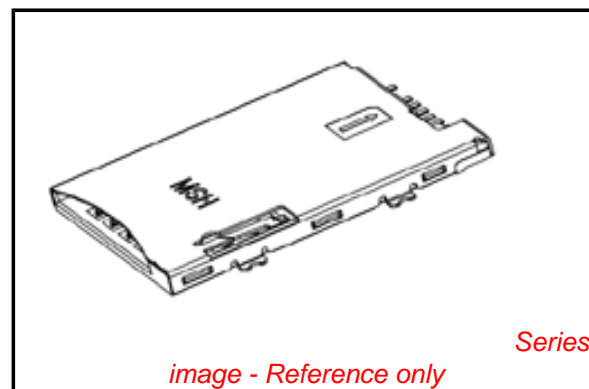


image - Reference only

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

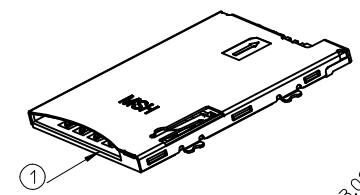
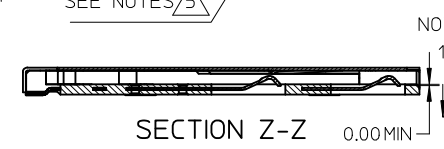
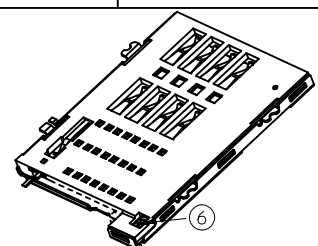
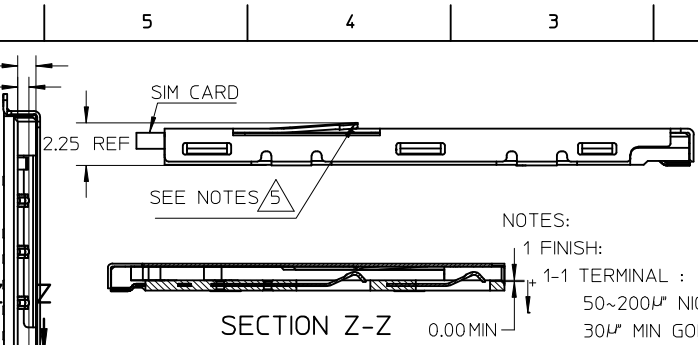
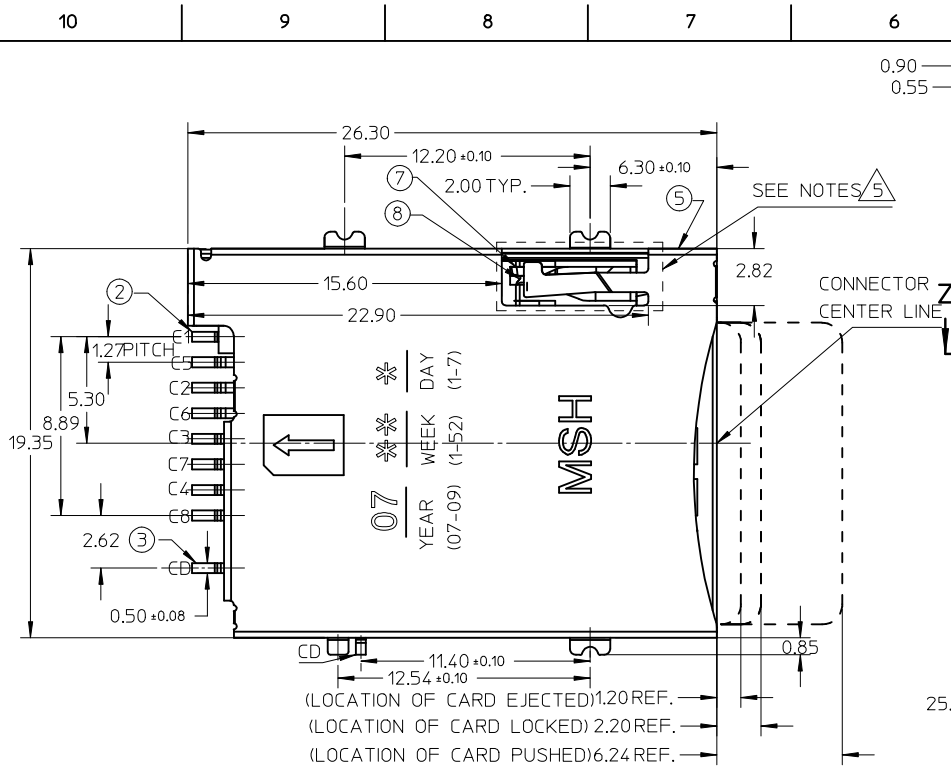
47603Series

Mates With

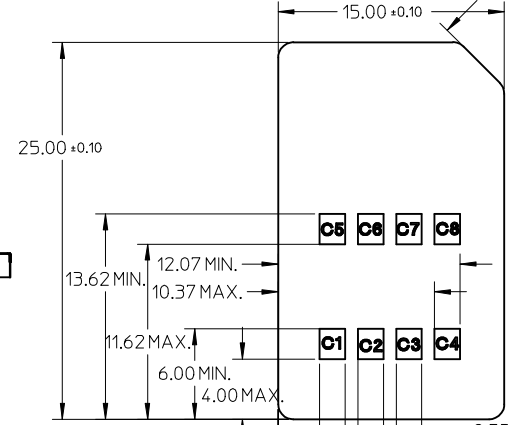
Standard SIM Card

This document was generated on 04/06/2010

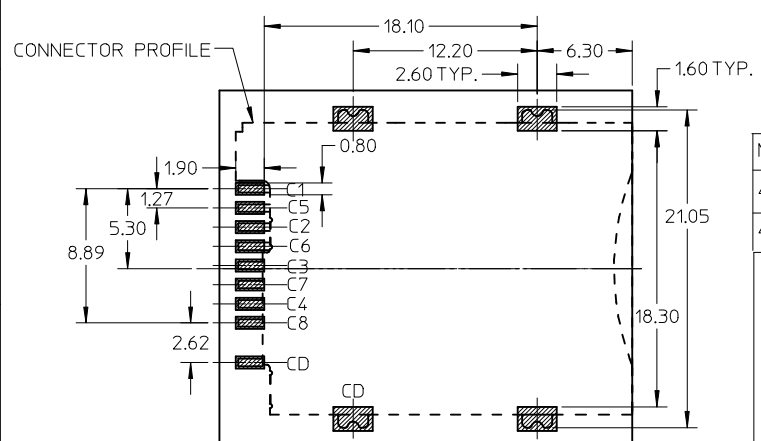
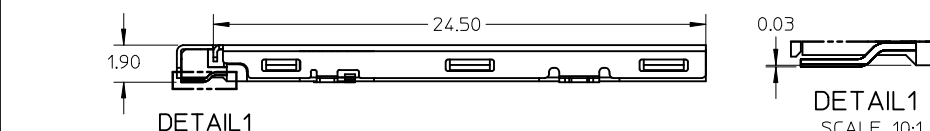
PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION



- NOTES:
- 1 FINISH:
 - 1-1 TERMINAL :
 - 50~200μ NICKEL UNDER PLATED
 - 30μ 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
 - 10μ MIN GOLD PLATING ON CONTACT AREA
 - 3μ MIN GOLD FLASH ON SOLDERING AREA
 - 2 SOLDER TAIL COPLANARITY: 0.1MM MAX.
 3. THIS PART IS LEAD-FREE.
 4. DETECT SWITCH: INSERT CARD=OFF (NORMAL=ON)
 - ⑤ MAXIMAL TOTAL HEIGHT WHEN INSERTING SIM CARD NEED AVOID IN THIS AREA
 6. PRODUCT COMPLIANT TO ROHS DIRECTIVE 2002/95/EC AND ELV DIRECTIVE 2000/53/EC



NO.	DESCRIPTION	Q'TY	MATERIAL
1	HOUSING	1	LCP
2	TERMINAL	8	COPPER ALLOY
3	DETECT PIN #1	1	COPPER ALLOY
4	DETECT PIN#2	1	COPPER ALLOY
5	SHELL	1	SUS
6	COIL SPRING	1	SWP
7	HEART CAM	1	NYLON
8	CAM PIN	1	SUS



MATERIAL No.	HALOGEN FREE
476030001	
476031001	COMPLIANT

REVISED EC NO: SH2010-0129 DRWN: Pwu CHKD: CHKD APPR: WEDENG	QUALITY SYMBOLS $\nabla F=0$ $\nabla F=0$ $\nabla F=0$	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
		4 PLACES	± ---	± ---	DRAWN BY LSHEN	DATE 2007/04/30	TITLE PUSH-PUSH 8 PIN SIM WITH DETECT PIN SALES DRAWING MOLEX INCORPORATED DOCUMENT NO. SD-47603-001 SHEET NO. 1 OF 1		
		3 PLACES	± ---	± ---	CHECKED BY XUXIANG	DATE 2007/05/22			
		2 PLACES	± 0.15	± ---	APPROVED BY JENNY CHEN	DATE 2007/05/25			
1 PLACE	± ---	± ---	MATERIAL NO.						
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				SEE TABLE					