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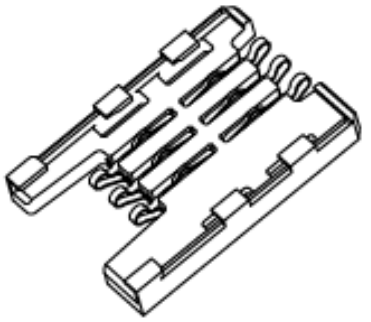
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Part Number: 0914070002

Status: Active

Description: 2.54mm (.100") Pitch SIM Card Holder, 6 Circuits, SMT, 0.50µm (20µ") Gold (Au) Plating, with 6 Solder Tabs, Housing Height 3.40mm (.134"), Lead Free



Series image - Reference only

Documents:

Drawing (PDF)

RoHS Certificate of Compliance (PDF)

Product Specification PS-91407-004 (PDF)

General

Product Family	Memory Card Sockets
Series	91407
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	Palladium
Material - Resin	High Temperature Thermoplastic
PCB Locator	No
PCB Mounting Side	Normal
PCB Retention	Yes
Packaging Type	Tray
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)	20
Plating min: Mating (µm)	0.50
Plating min: Termination (µin)	40
Plating min: Termination (µm)	1.00
Ports	1
Temperature Range - Operating	-30°C to +85°C
Termination Interface: Style	Surface Mount

Electrical

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

Material Info

Reference - Drawing Numbers

Product Specification	PS-91407-004, RPS-91407-004
Sales Drawing	SD-91407-002

EU RoHS	China RoHS
Compliance Status	
Not Reviewed	
REACH SVHC	
Not Reviewed	
Halogen-Free Status	
Not Reviewed	

Need more information on product environmental compliance?

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, click here

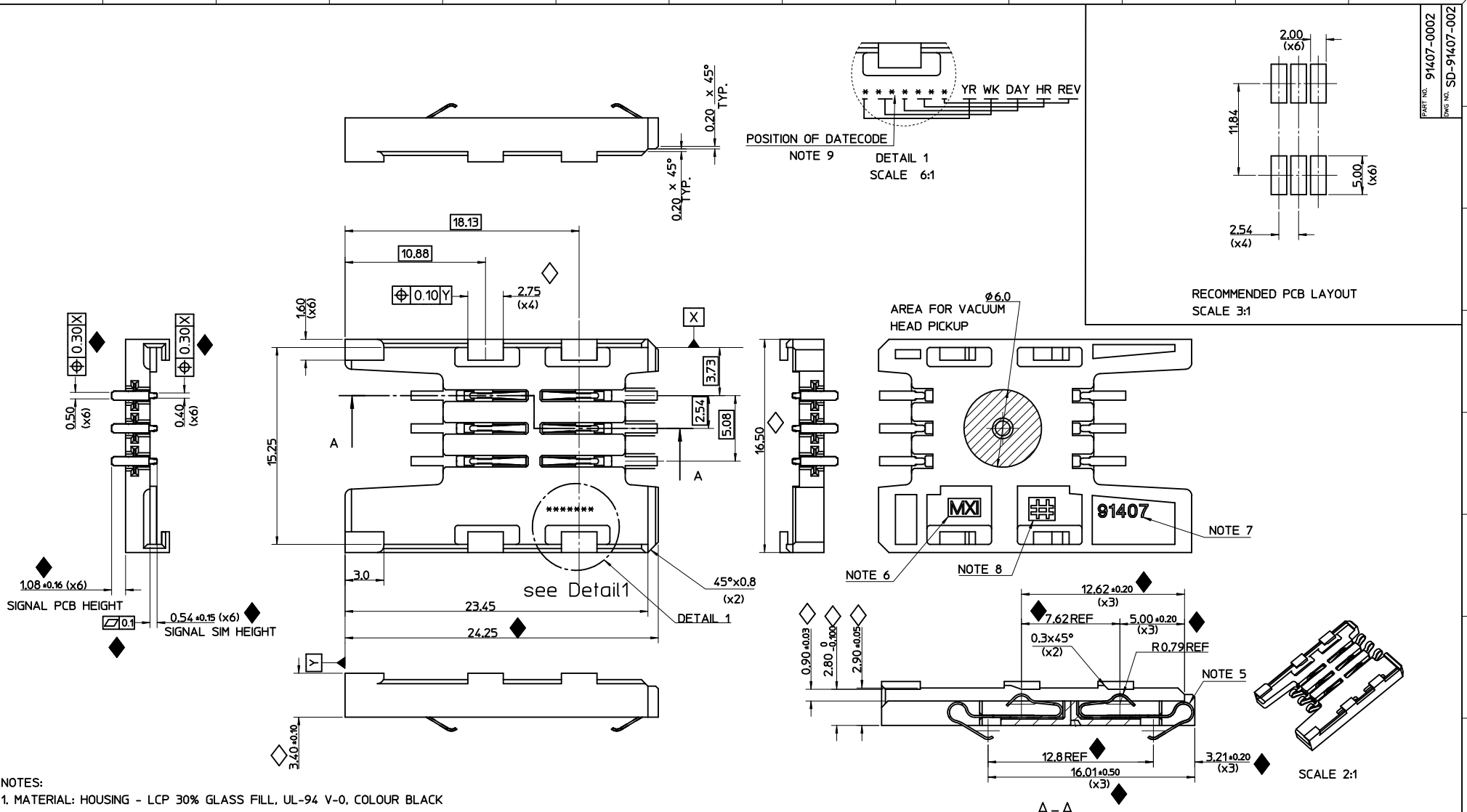
Please visit the Contact Us section for any non-product compliance questions.

Search Parts in this Series
91407Series

Mates With
Standard SIM Card

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NOTES:
1. MATERIAL: HOUSING - LCP 30% GLASS FILL, UL-94 V-0, COLOUR BLACK
   SIGNAL TERMINAL - PHOSPHOR BRONZE, 0.15mm REF. THICK
2. PLATING: SIGNAL TERMINAL SIM SIDE - 0.50um Au OVER 1.0um PdNi
   SIGNAL TERMINAL PCB SIDE - 0.38um Au
   UNDERPLATING-1.27um Ni OVERALL
3. PACKAGING : TRAY, SEE PACKAGING SPECIFICATION PK-91407-006
4. SEE PRODUCT SPECIFICATION, PS-91407-004
5. TERMINAL MUST NOT PROTRUDE PAST BACK WALL
6. MOLEX LOGO 'MXI' TO BE 1.0 HIGH &
   RECESSED 0.05max BELOW THE SURFACE OF THE HOUSING.
7. PART I.D. TO BE 1.0 HIGH & RECESSED 0.1 BELOW SURFACE.
8. MOULD CAVITY NUMBER '#' TO BE 3.0 HIGH & RECESSED 0.05max BELOW SURFACE
9. TEXT TO BE LAZER MARKED WITH 1.6MM HIGH TEXT

ITEM	COMPONENT	QTY
1	HOUSING	1
2	SIGNAL TERMINAL	6

INCREASED GOLD PLATING
EC NO. E2002-1102
DRWN: DBYRNES 2002/07/03
CHK:
APPR:
DESCRIPTION
REV H

QUALITY SYMBOLS
◆=12
◇=6

GENERAL TOLERANCES: (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	±---	±---
3 PLACES	±---	±---
2 PLACES	±0.10	±---
1 PLACE	±0.2	±---
ANGULAR: ± 2°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

SCALE 5:1
DESIGN UNITS ☒mm ☐INCH
THIRD ANGLE PROJECTION
DIMENSIONS: ☐mm ☐INCH ☒mm ONLY
SHT REV
REVISE ON CAD ONLY
DRAWN BY & DATE dbyrnes 2002/08/02
CHECKED BY & DATE ADOYLE 2002/08/13
APPROVED BY & DATE MWILHITE 2002/08/02
CAD FILENAME
TITLE: 2.54mm SIM Conn Prsr Mnt 6Ckt
MOLEX INCORPORATED
MATERIAL NO. 91407-0002
DRAWING NO. SD-91407-002
SHEET NO. 1 of 1
SIZE C

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