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Part Number:

0919150002

Status:

Active

Description:

2.54mm (.100") Pitch SIM Card Connector, Lead Free

Documents:

3D Model

Drawing (PDF)

Product Specification PS-91915-001 (PDF)

RoHS Certificate of Compliance (PDF)

General	
Product Family	Memory Card Sockets
Series	91915
Button Type	N/A
Component Type	I/O Header (Card)
Product Name	SIM
Type	N/A
Physical	
Card Detection Switch	Yes
Circuits (Loaded)	6
Color - Resin	Black
Durability (mating cycles max)	10,000
Ejector Button Side	No Ejector Button Present
Entry Angle	Vertical
Keying to Mating Part	Yes
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
PCB Mounting Side	Reverse
PCB Retention	None
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface (in)	0.100 In
Pitch - Mating Interface (mm)	2.54 mm
Plating min: Mating (µin)	4
Plating min: Mating (µm)	0.1
Plating min: Termination (µin)	120
Plating min: Termination (µm)	3
Ports	8
Temperature Range - Operating	-40°C to +85°C
Termination Interface: Style	Surface Mount

Electrical	
Current - Maximum per Contact	0.5A
Voltage - Maximum	15V

Solder Process Data	
Duration at Max. Process Temperature (seconds)	5
Lead-free Process Capability	Reflow Capable (SMT only)
Max. Cycles at Max. Process Temperature	2
Process Temperature max. C	240

Material Info

Reference - Drawing Numbers	
Product Specification	PS-91915-001
Sales Drawing	SD-91915-002, SD-91915-003

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Contains SVHC: No

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.

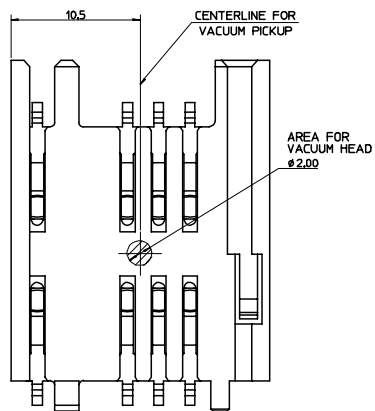
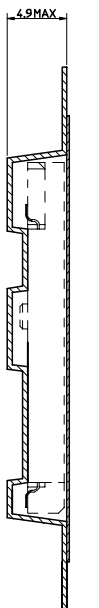
Search Parts in this Series

91915Series

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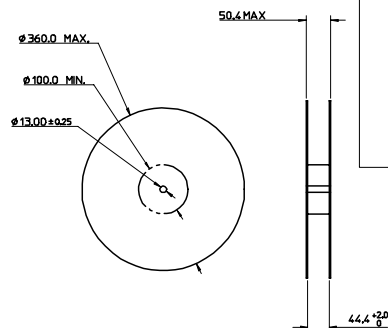
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COMPONENT PICK UP DETAIL



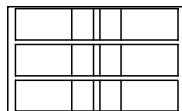
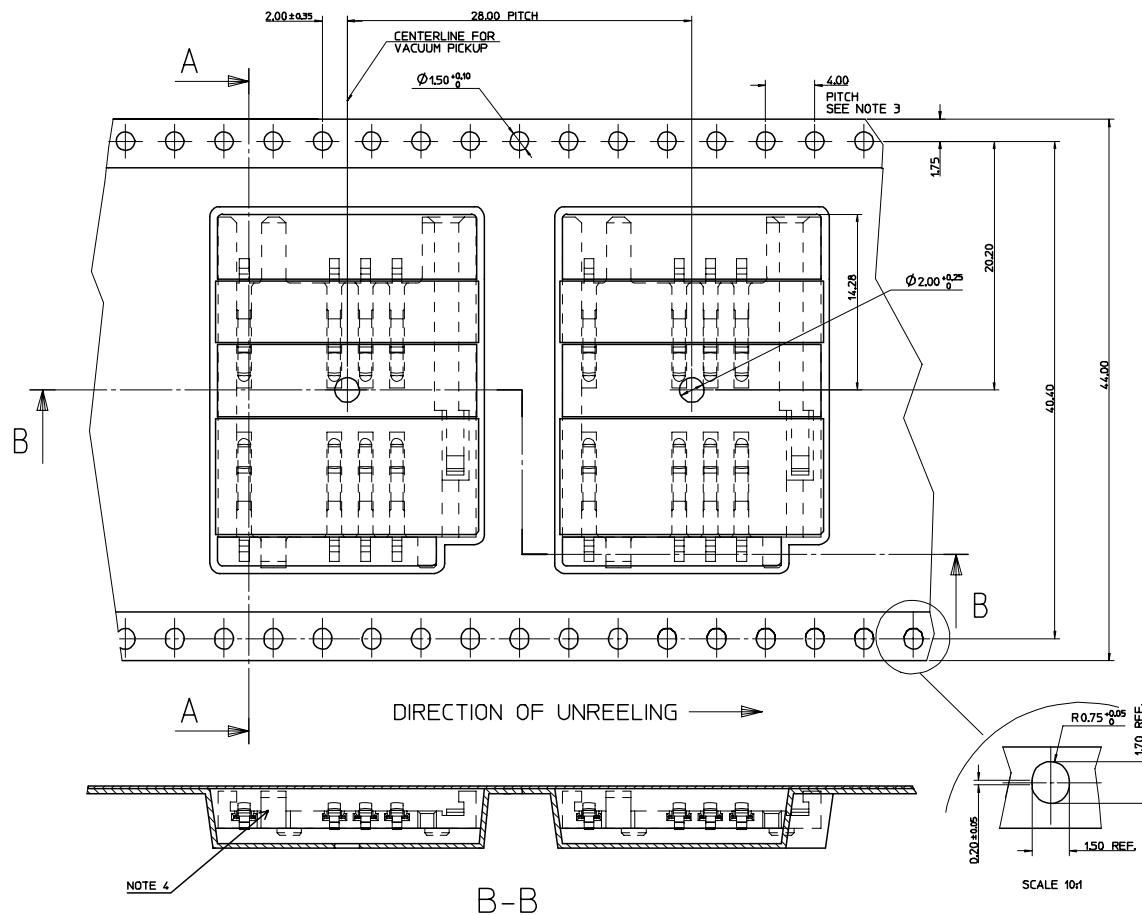
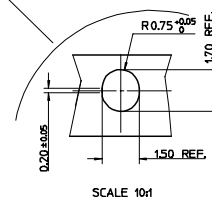
A-A

REFERENCE ONLY



REEL DIMENSIONS
NOT TO SCALE

15001 PIECES ON A REEL
(3) REELS / CARDBOARD BOX
(15001) PIECES / CARDBOARD BOX - SUBJECT TO CHANGE



SCALE 10:1

NOTES:

1. MATERIAL:
CARRIER TAPE: VOLUME CONDUCTIVE POLYSTYRENE, 0.40 REF THICK, BLACK
COVER TAPE: COLD SEAL POLYESTER, 0.06 REF THICK, TRANSPARENT
2. PEEL FORCE OF THE COVER TAPE IS 0.1N TO 1.0N
AT MAXIMUM PEEL SPEED OF 300mm/min. ±10%
3. PITCH TOLERANCE OVER ANY 10 PITCHES ±0.2
4. TAPE & REEL PACKAGING FOR PART NUMBERS 919150001 & 919150002.

TO CUSTOMER
ASSEMBLY MACHINE



MOLEX REEL

ORIGINAL RELEASE EC NO: E2006-1110 DRAWN/CARTON 2007/02/14 CHKD: APPR: A	DESCRIPTION	QUALITY SYMBOLS -0 -0	GENERAL TOLERANCES (UNLESS SPECIFIED)		SCALE 4:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION REVISE ON CAD ONLY	TITLE BLISTER PACKAGING SIM CONNECTOR			
				mm	INCH	DIMENSION STYLE MM ONLY					
			4 PLACES	± ---	± ---	DRAWN BY				DATE	
			3 PLACES	± ---	± ---	DMAHER				2006/11/28	
			2 PLACES	± 0.10	± ---	CHECKED BY				DATE	
	REV			1 PLACE	± 0.2	± ---	FDUGGAN	2006/11/28	 MOLEX INCORPORATED	DOCUMENT NO. SD-91915-003	SHEET NO. 1 OF 1
				ANGULAR ± 2 °		APPROVED BY	DATE				
				DRAFT WHERE APPLICABLE		EFOLAN	2006/11/28	NOTE 4			
				MUST REMAIN WITHIN DIMENSIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					