This document was generated on 04/01/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0679130007

Status: Active

Description: 2.50mm (.098") Pitch, SDIO Memory Card Connector, Reverse Mount, Ultra Low Profile, with integrated shell nails, Lead-Free

Documents:
3D Model
Drawing (PDF)
RoHS Certificate of Compliance (PDF)

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
67913Series

Use With
SDIO

General

Product Family	Memory Card Sockets
Series	67913
Button Type	Push-Push
Comments	SD/SDIO/MMC cards acceptable
Component Type	Header & Ejector (Host)
Product Name	SDIO
Type	N/A

Physical

Card Detection Switch	Yes
Circuits (Loaded)	9
Circuits (maximum)	9
Color - Resin	Black
Durability (mating cycles max)	10,000
Ejector Button Side	No Ejector Button Present
Entry Angle	90° Angle (Side Entry)
Keying to Mating Part	Yes
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Resin	High Temperature Thermoplastic
PCB Locator	Yes
PCB Mounting Side	Reverse
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface (in)	0.067 In, 0.098 In
Pitch - Mating Interface (mm)	1.70 mm, 2.50 mm
Pitch - Term. Interface (in)	0.067 In, 0.098 In
Pitch - Term. Interface (mm)	1.70 mm, 2.50 mm
Ports	1
Termination Interface: Style	Surface Mount

Electrical

Current - Maximum per Contact	0.5A
Shielded	Yes
Voltage - Maximum	250V DC

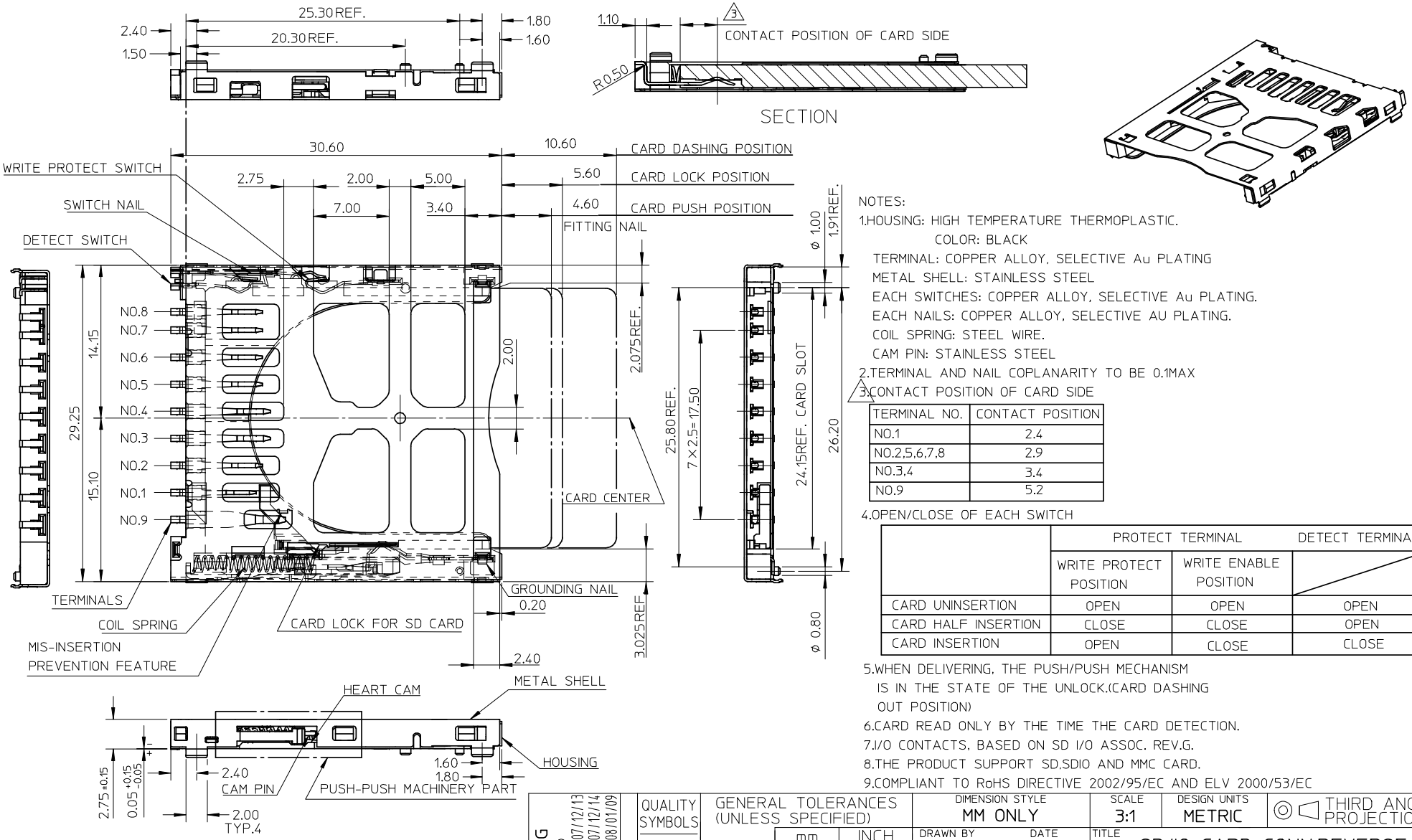
Material Info

Reference - Drawing Numbers

Sales Drawing	SD-67913-002

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NOTES:

1. HOUSING: HIGH TEMPERATURE THERMOPLASTIC.
   COLOR: BLACK
   TERMINAL: COPPER ALLOY, SELECTIVE Au PLATING
   METAL SHELL: STAINLESS STEEL
   EACH SWITCHES: COPPER ALLOY, SELECTIVE Au PLATING.
   EACH NAILS: COPPER ALLOY, SELECTIVE AU PLATING.
   COIL SPRING: STEEL WIRE.
   CAM PIN: STAINLESS STEEL
2. TERMINAL AND NAIL COPLANARITY TO BE 0.1MAX
3. CONTACT POSITION OF CARD SIDE

TERMINAL NO.	CONTACT POSITION
NO.1	2.4
NO.2,5,6,7,8	2.9
NO.3,4	3.4
NO.9	5.2

4. OPEN/CLOSE OF EACH SWITCH

	PROTECT TERMINAL		DETECT TERMINAL
	WRITE PROTECT POSITION	WRITE ENABLE POSITION	
CARD UNINSERTION	OPEN	OPEN	OPEN
CARD HALF INSERTION	CLOSE	CLOSE	OPEN
CARD INSERTION	OPEN	CLOSE	CLOSE

5. WHEN DELIVERING, THE PUSH/PUSH MECHANISM IS IN THE STATE OF THE UNLOCK.(CARD DASHING OUT POSITION)
6. CARD READ ONLY BY THE TIME THE CARD DETECTION.
7. I/O CONTACTS, BASED ON SD I/O ASSOC. REV.G.
8. THE PRODUCT SUPPORT SD,SDIO AND MMC CARD.
9. COMPLIANT TO RoHS DIRECTIVE 2002/95/EC AND ELV 2000/53/EC

UPDATE DRAWING
EC NO: SH2008-0286 2007/12/13
DRWN:LSONG09 2007/12/14
CHKD:JTIAN 2008/01/09
APPR:HWANG
DESCRIPTION
REV: D

QUALITY SYMBOLS
▼=0
Ⓒ=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.25	± ---
1 PLACE	± 0.25	± ---
ANGULAR ± 3 °		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: 3:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

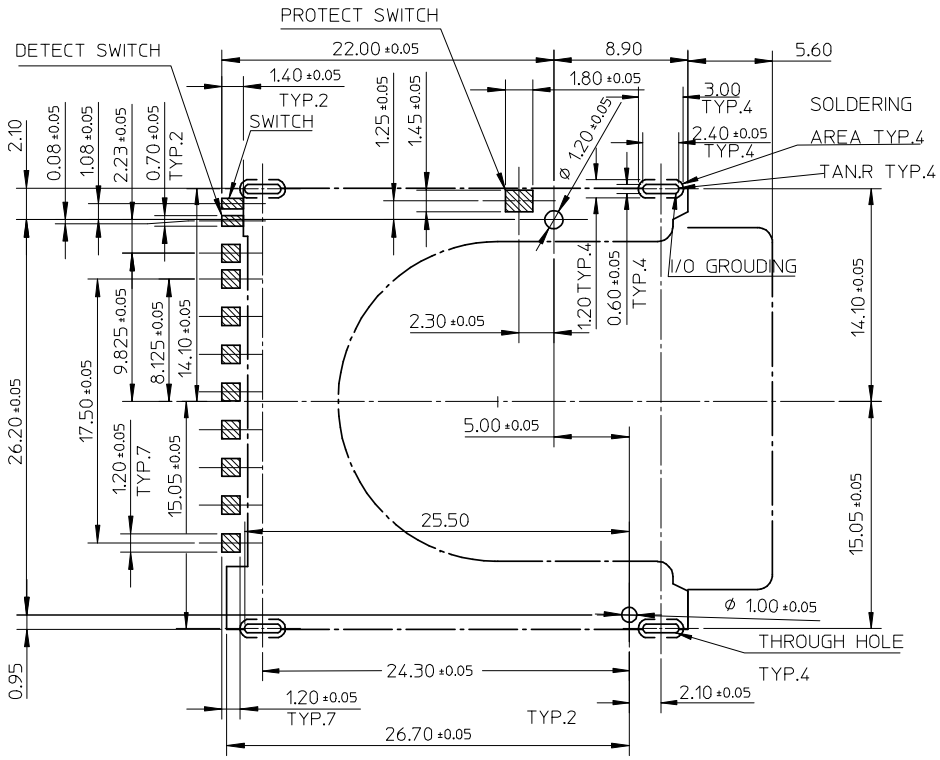
DRAWN BY: LHSHEN DATE: 2005/04/25
CHECKED BY: GRATE DATE: 2005/04/25
APPROVED BY: YAP DATE: 2005/04/25

TITLE: SD/IO CARD CONN.REVERSE TYPE WITH PUSH PUSH AND SHELL'S NAIL (LEAD FREE)

MOLEX INCORPORATED

MATERIAL NO.: 679130007
DOCUMENT NO.: SD-67913-002
SHEET NO.: 1 OF 3
SIZE: A3

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION



RECOMMENDED P.C.B LAYOUT DIMENSION

UPDATE DRAWING
EC NO: SH2008-0286 2007/12/13
DRWN:LSONG09 2007/12/14
CHKD:JTIAN 2008/01/09
APPR:HWANG
DESCRIPTION
REV
D

QUALITY SYMBOLS
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▽=0

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DIMENSION STYLE	MM ONLY
SCALE	3:1
DESIGN UNITS	METRIC
	THIRD ANGLE PROJECTION
DRAWN BY	LHSHEN
DATE	2005/04/25
CHECKED BY	GRATE
DATE	2005/04/25
APPROVED BY	YAP
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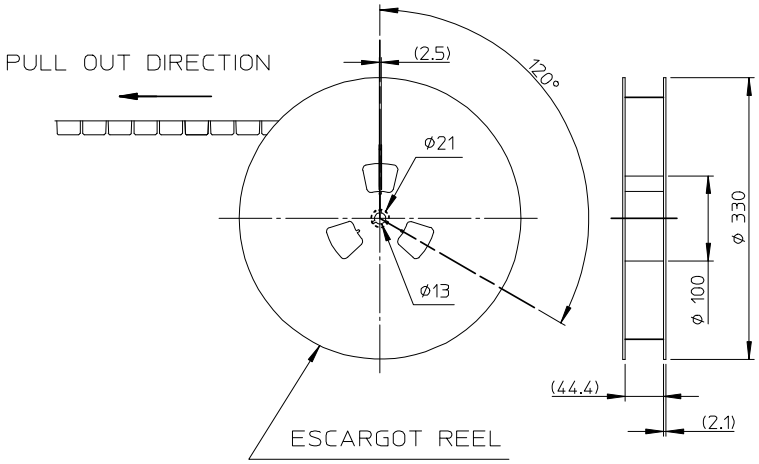
TITLE: SD/IO CARD CONN.REVERSE TYPE WITH PUSH PUSH AND SHELL'S NAIL (LEAD FREE)

MOLEX INCORPORATED

DOCUMENT NO. SD-67913-002

SHEET NO. 2 OF 3

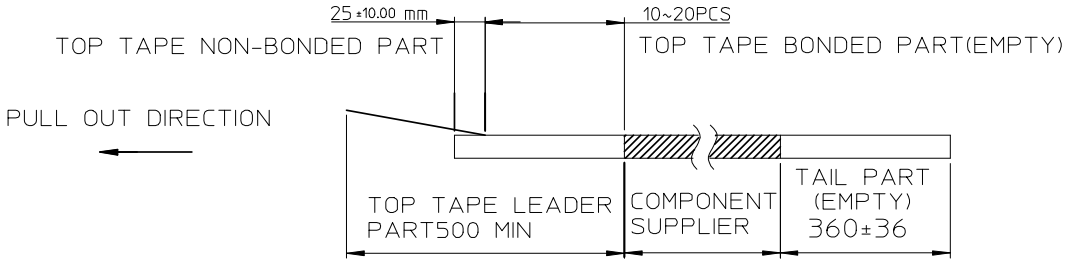
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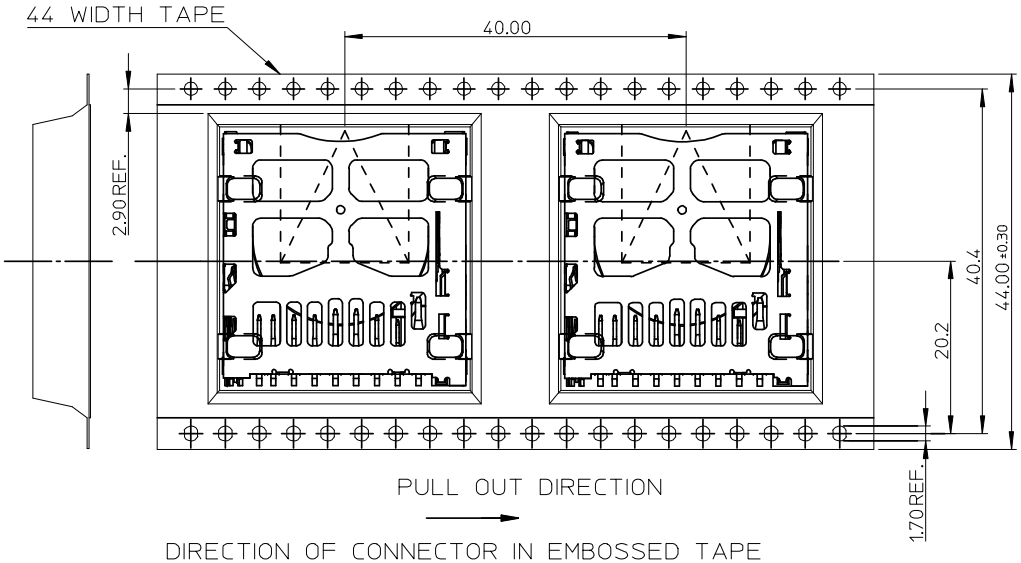


NOTES

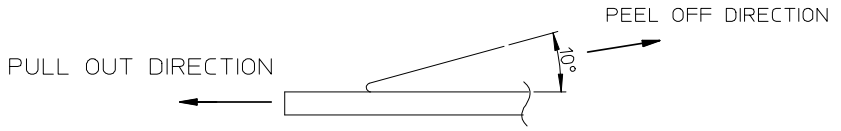
1. NUMBER OF CONNECTORS: 300 PCS/REEL

2.





3. PEEL OFF FORCE OF TOP TAPE: 0.1~1.3 N (10.2~130gf)
PEELING DIRECTION AS SHOWN IN FOLLOWING FIG.)
(PEEL OFF SPEED: 300mm/min.REF.)



4. PACKAGING DRAWING REFERS TO PK-67913-001.

UPDATE DRAWING
EC NO: SH2008-0286 2007/12/13
DRWN:LSONG09 2007/12/14
CH'KD:JTIAN 2008/01/09
APPR:HWWANG
DESCRIPTION
REV D

QUALITY SYMBOLS
▼=0
▽C=0

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ANGULAR ± 3 °		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: 1:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

		DATE
DRAWN BY	LHSHEN	2005/04/25
CHECKED BY	GRATE	2005/04/25
APPROVED BY	YAP	2005/04/25

TITLE: SD/IO CARD CONN.REVERSE TYPE WITH PUSH PUSH AND SHELL'S NAIL (LEAD FREE)

MOLEX INCORPORATED

MATERIAL NO.: 679130007
DOCUMENT NO.: SD-67913-002
SHEET NO.: 3 OF 3
SIZE: A3

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