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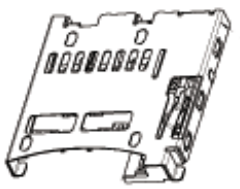
Part Number: 0473521001

Status: Active

Description: 1.10mm (.043") Pitch microSD Card Connector, Push-Push Type, with VSS (Supply Voltage Ground) Detect Switch, Lead Free

Documents:

3D Model
Drawing (PDF)
Product Specification PS-47334-001 (PDF)
RoHS Certificate of Compliance (PDF)



Series image - Reference only

General

Product Family	Memory Card Sockets
Series	47352
Button Type	Push-Push
Comments	<LI>Push-Push Type <LI>With VSS (Supply Voltage Ground) Detect Switch
Component Type	Header & Ejector (Host)
Product Name	microSD Card, TransFlash
Type	N/A

Physical

Card Detection Switch	Open
Circuits (Loaded)	8
Circuits (maximum)	8
Color - Resin	Black
Durability (mating cycles max)	5,000
Ejector Button Side	No Ejector Button Present
Entry Angle	90° Angle (Side Entry)
Keying to Mating Part	Yes
Material - Metal	Stainless Steel
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
PCB Locator	No
PCB Mounting Side	Normal
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface (in)	0.043 In
Pitch - Mating Interface (mm)	1.10 mm
Pitch - Term. Interface (in)	0.043 In
Pitch - Term. Interface (mm)	1.10 mm
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	100V DC

Solder Process Data

Duration at Max. Process Temperature (seconds)	10
Lead-free Process Capability	Reflow Capable (SMT only)
Max. Cycles at Max. Process Temperature	2
Process Temperature max. C	250

Material Info

EU RoHS
ELV and RoHS Compliant

China RoHS

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
47352Series

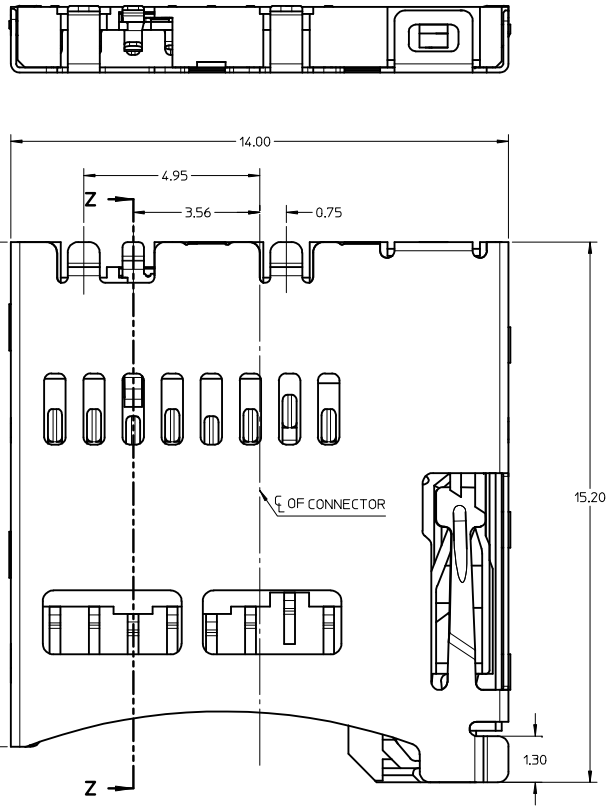
Use With
microSD Card

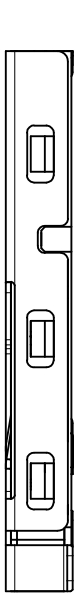
Reference - Drawing Numbers

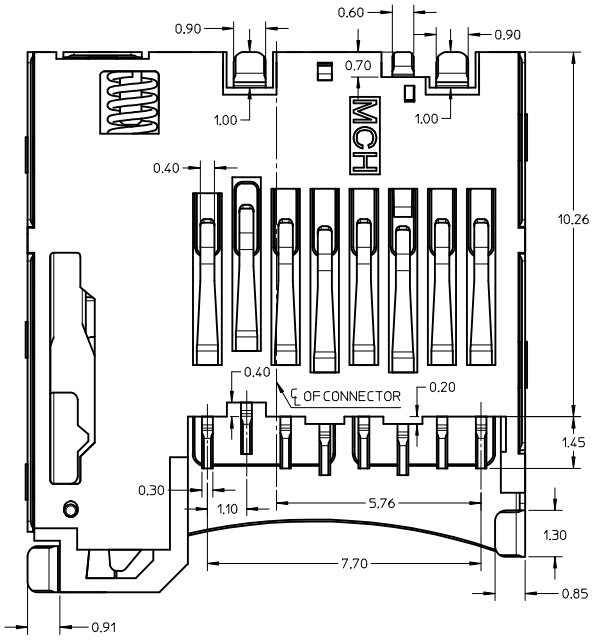
Packaging Specification	PK-47219-001, PK-47352-101
Product Specification	PS-47334-001
Sales Drawing	SD-47352-101
Test Summary	TS-47334-001

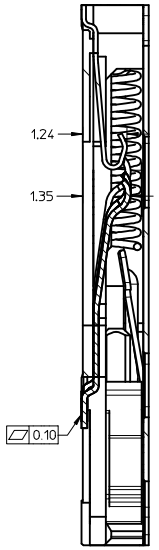
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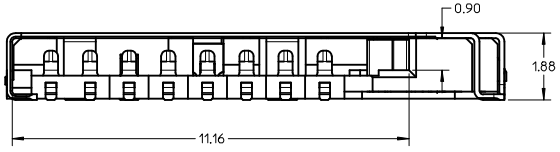


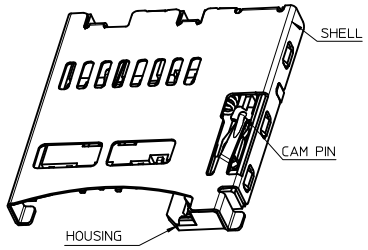


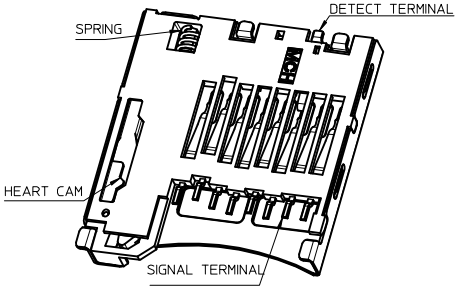




SECTION Z-Z







REVISE
EC NO: SH2008-0541 2009/03/13
DRWN:XJSONG 2009/03/18
CHKD:XJSONG 2009/05/07
APPR:HWWANG
DESCRIPTION
REV D

QUALITY SYMBOLS
▼=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.15	± ---
1 PLACE	± ---	± ---

ANGULAR ±1/2°

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: 10:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

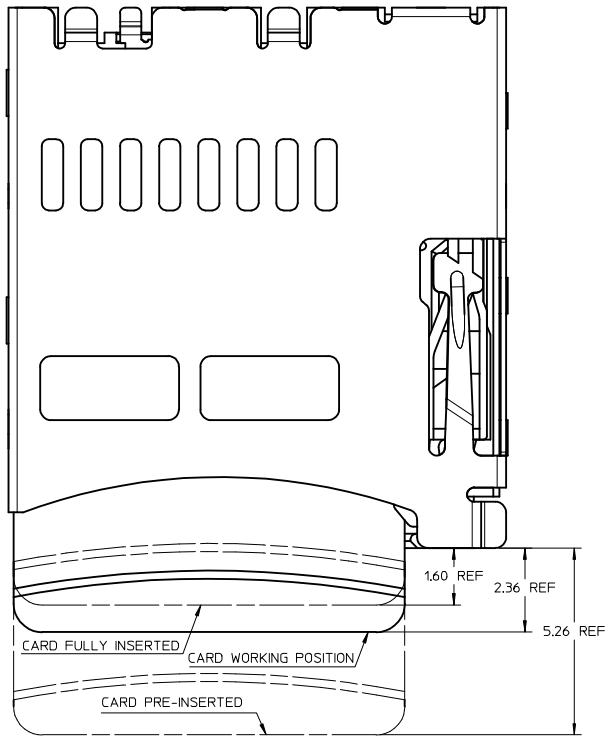
DRAWN BY	XU XIANG	DATE 2005-11-14
CHECKED BY	XU XIANG	DATE 2006-06-22
APPROVED BY	YJWU	DATE 2006-06-22

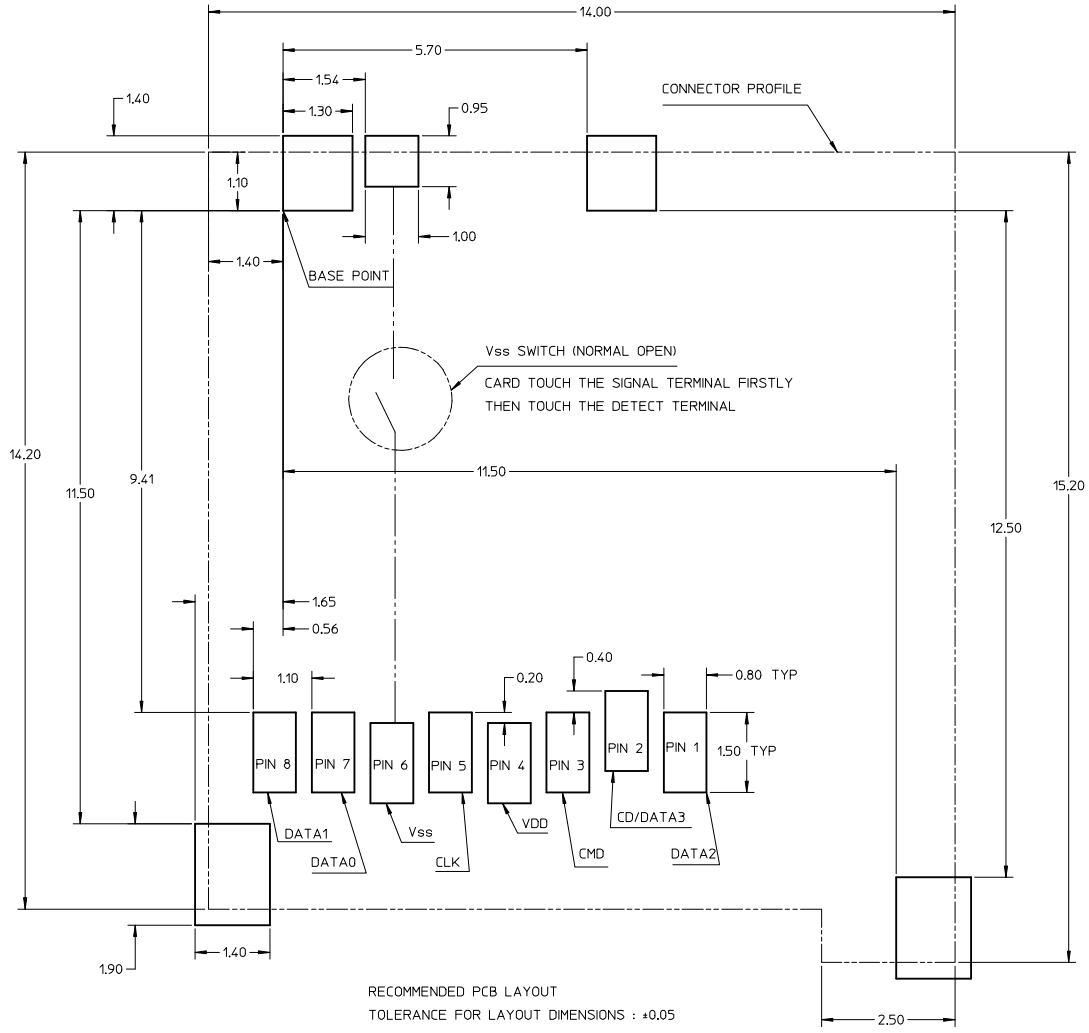
TITLE: TFR&MICRO SD CARD READER PUSH PUSH TYPE VSS DETECT SWITCH

molex MOLEX INCORPORATED

MATERIAL NO. 473521001
DOCUMENT NO. SD-47352-101
SHEET NO. 1 OF 2
SIZE A2

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





RECOMMENDED PCB LAYOUT
TOLERANCE FOR LAYOUT DIMENSIONS : ±0.05

NOTES:
1 MATERIAL:
1-1 SIGNAL TERMINAL, DETECT TERMINAL : COPPER ALLOY
1-2 SHELL, CAM PIN, SPRING : STAINLESS STEEL
1-3 HOUSING, CAM : LCP, UL 94-V0, BLACK
2 FINISH:
2-1 SIGNAL & DETECT TERMINAL : NICKEL UNDERPLATED, GOLD PLATING ON CONTACT AREA
TIN PLATING ON SOLDER TAIL
2-2 SHELL : GOLD FLASH OVER NICKEL UNDERPLATED ON SOLDER PAD
3 MECHANICAL SPECIFICATION:
REPEATED 5,000 TIMES MATING AND UNMATING CYCLES AND STILL MEET
ELECTRICAL CHARACTERISTICS
4 ELECTRICAL SPECIFICATION:
4-1 RATED CURRENT (PER CONTACT) : 0.5AMPS MAX AND TEMPERATURE RISE
SHOULD BE 30°C MAX
4-2 INSULATION RESISTANCE(I.R) : 100 MEGOHMS MIN.
4-3 DIELECTRIC WITHSTANDING VOLTAGE : 500 VAC
4-4 CONTACT RESISTANCE: 100 MILLIOHMS MAX

SEE SHEET1
EC NO: SH2008-0541 2009/03/13
DRWN:XJSONG 2009/03/18
CHKD:XJSONG
APPR:HWWANG 2009/05/07
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TITLE: TFR&MICRO SD CARD READER PUSH PUSH TYPE VSS DETECT SWITCH
MOLEX INCORPORATED
MATERIAL NO. 473521001
DOCUMENT NO. SD-47352-101
SHEET NO. 2 OF 2
SIZE A2

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