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Part Number:

0473092851

Status:

Active

Description:

1.10mm (.043") Pitch microSD Card Header with Detect Switch, Height 2.85mm (.112"), Lead Free

Documents:

3D Model

Drawing (PDF)

Product Specification PS-47309-001 (PDF)

RoHS Certificate of Compliance (PDF)

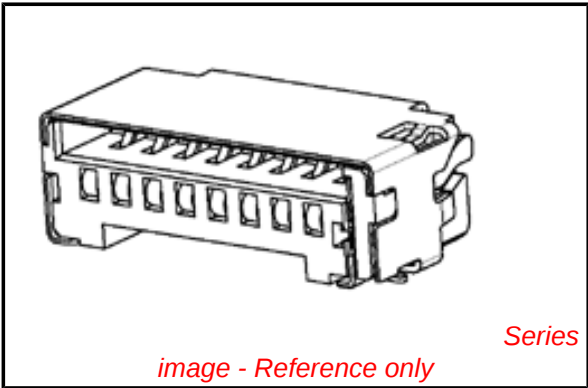
General	
Product Family	Memory Card Sockets
Series	47309
Button Type	Push-Pull
Comments	Push-Pull Type
Component Type	I/O Header (Card)
Product Name	microSD Card, TransFlash
Type	N/A
Physical	
Card Detection Switch	Yes
Circuits (Loaded)	8
Circuits (maximum)	8
Color - Resin	Black
Durability (mating cycles max)	10,000
Ejector Button Side	No Ejector Button Present
Entry Angle	90° Angle
Keying to Mating Part	Yes
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Material - Resin	High Temperature Thermoplastic
PCB Locator	No
PCB Mounting Side	Reverse
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
Plating min: Mating (µin)	29.5
Plating min: Mating (µm)	0.75
Plating min: Termination (µin)	2
Plating min: Termination (µm)	0.05
Ports	1
Temperature Range - Operating	-40°C to +85°C
Termination Interface: Style	Surface Mount

Electrical	
Current - Maximum per Contact	0.5A
Shielded	Yes
Voltage - Maximum	5V

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-47309-265
Product Specification	PS-47309-001



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

47309Series

Mates With

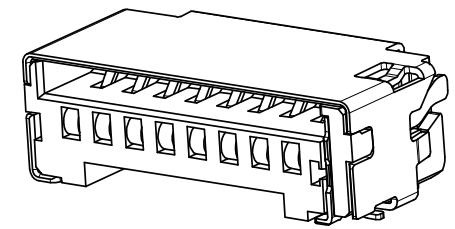
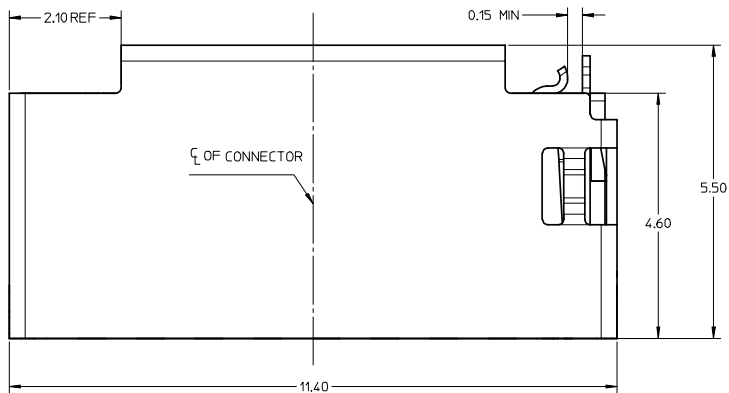
Standard SIM Card

Use With

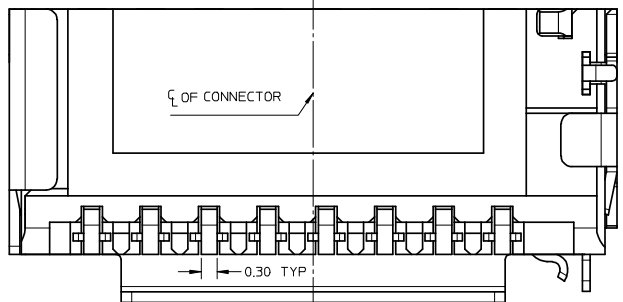
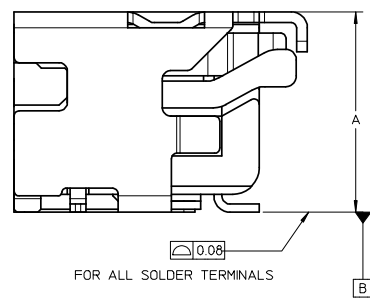
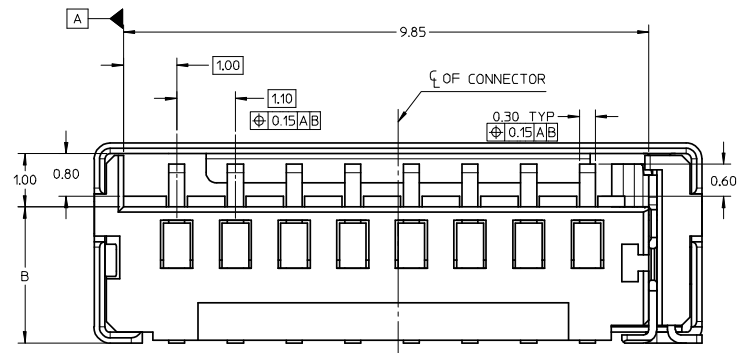
microSD Card

This document was generated on 06/01/2010

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NOTE:
1 MATERIAL:
1-1 HOUSING : LCP, 30% G/F, UL 94V-0, BLACK
1-2 SIGNAL TERMINAL AND DETECT TERMINAL : PHOSPHOR BRONZE
1-3 METAL SHELL : STAINLESS STEEL
2 FINISH:
2-1 SIGNAL TERMINAL : 1.25-6.25 MICRON NICKEL MIN UNDER-PLATED,
0.75-1.25 MICRON GOLD MIN ON CONTACT AREA, GOLD FLASH PLATED ON SOLDER AREA
2-2 METAL SHELL : GOLD FLASH PLATED OVER NICKEL ON SOLDER AREA
2-3 DETECT PIN : 1.25-6.25 MICRON NICKEL MIN UNDER-PLATED
GOLD FLASH PLATED ON CONTACT AREA, TIN PLATED ON SOLDER AREA
3 PRODUCT SPECIFICATION: PS-47309-001.



473093751	3.75	2.55
473093551	3.55	2.35
473093351	3.35	2.15
473092851	2.85	1.65
473092651	2.65	1.45
PART NUMBER	DIMENSION A	DIMENSION B

REVISION EC NO: S4720080393599 2008/02/22 DRWN: LLIU10 CHKD: YLZHU02 2008/03/11 APPR: HWANG 2008/04/02	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 15:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION ☉ □		
					DRAWN BY XIXU	DATE 2005/12/24	TITLE TFR HEADER W/DETECT PIN				
					CHECKED BY Y JWU	DATE 2005/12/24					
					APPROVED BY Y JWU	DATE 2005/12/24	MOLEX MOLEX INCORPORATED				
					MATERIAL NO. SEE TABLE		DOCUMENT NO. SD-47309-001		SHEET NO. 1 OF 2		
					THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

