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Part Number: [0475710001](#)
Status: **Active**
Description: 1.10mm (.043") Pitch microSD Card Header with Detect Switch, Height 2.30mm (.091"), Lead Free

Documents:

[3D Model](#) [Product Specification PS-47309-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family	Memory Card Sockets
Series	47571
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	Nickel
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)	49.2
Plating min: Termination (µm)	1.25
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

Solder Process Data

Duration at Max. Process Temperature (seconds)	20
Lead-free Process Capability	Reflow Capable (SMT only)
Max. Cycles at Max. Process Temperature	2

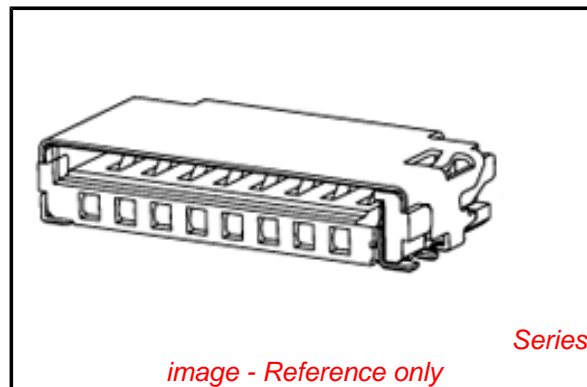


image - Reference only

EU RoHS

**ELV and RoHS
Compliant**
**REACH SVHC
Contains SVHC: No**
**Halogen-Free
Status**

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

[47571Series](#)

Mates With

Standard SIM Card

Use With

microSD Card

Process Temperature max. C 255

Material Info

Reference - Drawing Numbers

Product Specification PS-47309-001
Sales Drawing SD-47571-001

This document was generated on 03/31/2010

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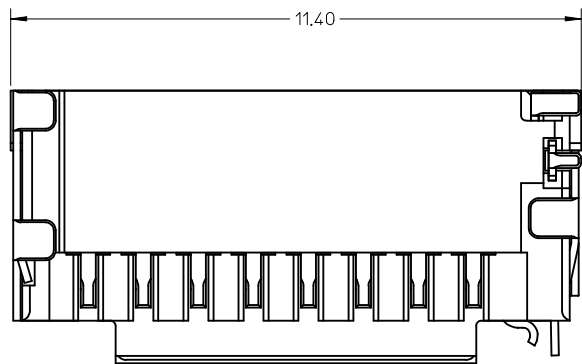
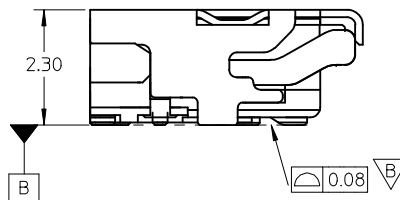
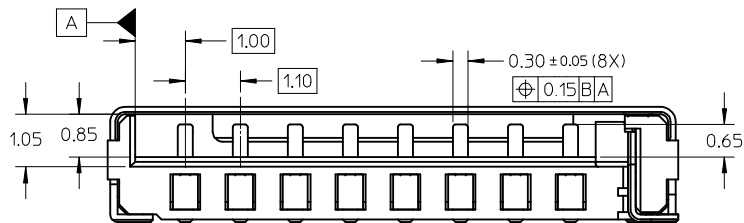
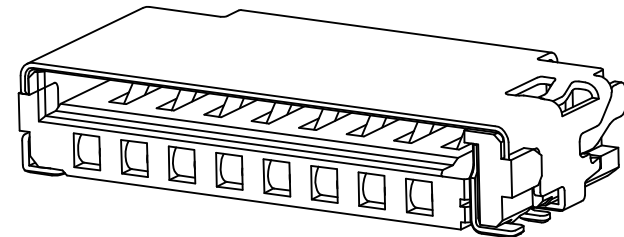
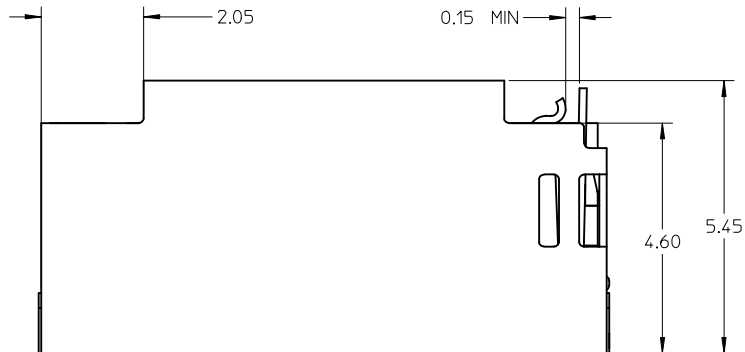
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NOTE:

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

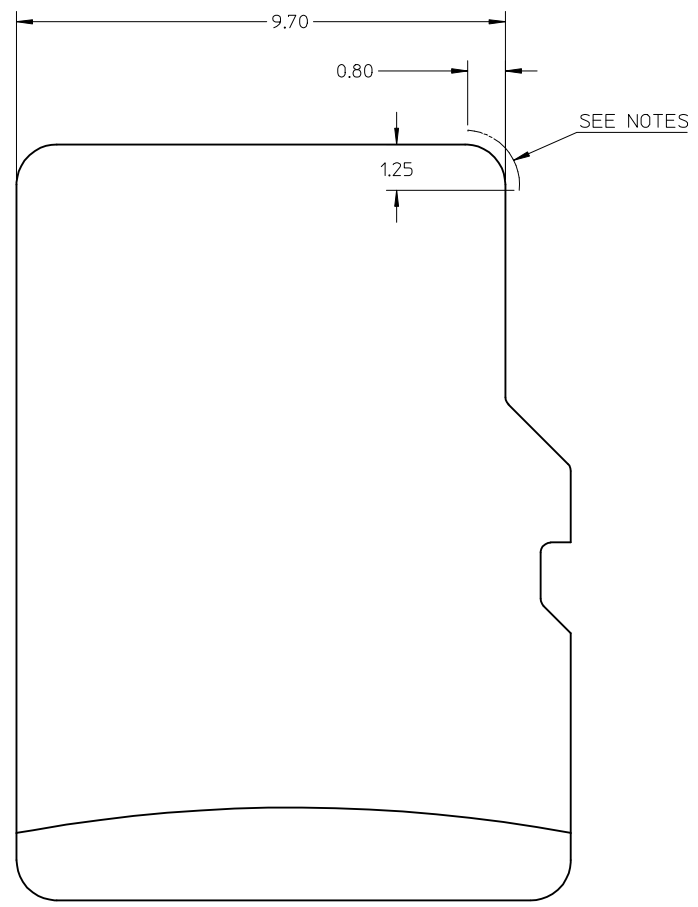
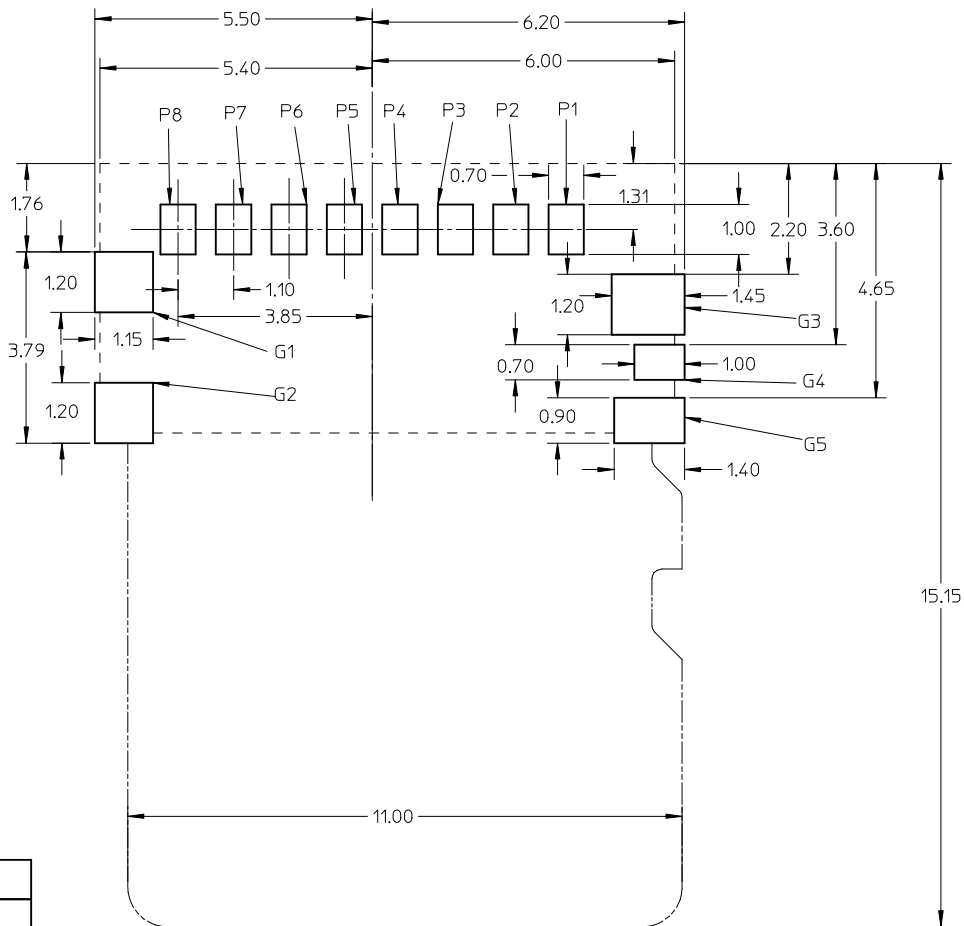
2 FINISH:

- 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.

CHANGE CO-PLANARITY T00.08 EC NO: SH2009-0232 2008/11/26 DR: MALL LU10 2008/11/27 CHKD: YLZHU 2008/11/27 APPR: HWANG 2008/12/03	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 15:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
			mm	INCH	DRAWN BY IVAN HE	DATE 2007/06/12	TITLE TFR HEADER W/DETECT PIN			
		4 PLACES	± ---	± ---	CHECKED BY XIXU	DATE 2007/06/12				
		3 PLACES	± ---	± ---	APPROVED BY JNCHEN	DATE 2007/06/12	MOLEX INCORPORATED MATERIAL NO. 475710001 DOCUMENT NO. SD-47571-001			
2 PLACES	± 0.15	± ---	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS							
1 PLACE	± 0.25	± ---	ANGULAR ± 1 °		SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

9 8 7 6 5 4 3 2 1



----- CONNECTOR PROFILE
 _____ CARD PROFILE

NOTES:
 NO CONDUCTIVE EXPOSURE TRACE IS ALLOWED ON THE SIDE FACE OF THE CARD AT THIS AREA.

G5	DET
G4	POL
G3	GND
G2	GND
G1	GND
P8	DAT1
P7	DAT0
P6	VSS
P5	CLK
P4	VDD
P3	CMD
P2	CD/DAT3
P1	DAT2
PIN NUMBER	PIN NUMBER

SEE SHEET1	DESCRIPTION
EC NO: SHZ009-0232	
DRW:LLIU10	2008/11/26
CHKD:YLZHU	2008/11/27
APPR:HWANG	2008/12/03
REV	

QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)
▽=0	
∇=0	
	mm
	INCH
4 PLACES	± --- ± ---
3 PLACES	± --- ± ---
2 PLACES	± 0.15 ± ---
1 PLACE	± 0.25 ± ---
	ANGULAR ± 1 °
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

DIMENSION STYLE	
MM ONLY	
DRAWN BY	DATE
IVAN HE	2007/06/12
CHECKED BY	DATE
XIXU	2007/06/12
APPROVED BY	DATE
JNCHEN	2007/06/12
MATERIAL NO.	
475710001	
SIZE	
A3	

SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
10:1	METRIC	
TITLE		
TFR HEADER W/DETECT PIN		
MOLEX INCORPORATED		
MATERIAL NO.	DOCUMENT NO.	SHEET NO.
475710001	SD-47571-001	2 OF 2
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Компания «Life Electronics» занимается поставками электронных компонентов импортного и отечественного производства от производителей и со складов крупных дистрибьюторов Европы, Америки и Азии.

С конца 2013 года компания активно расширяет линейку поставок компонентов по направлению коаксиальный кабель, кварцевые генераторы и конденсаторы (керамические, пленочные, электролитические), за счёт заключения дистрибьюторских договоров

Мы предлагаем:

- Конкурентоспособные цены и скидки постоянным клиентам.
- Специальные условия для постоянных клиентов.
- Подбор аналогов.
- Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.
- Приемлемые сроки поставки, возможна ускоренная поставка.
- Доставку товара в любую точку России и стран СНГ.
- Комплексную поставку.
- Работу по проектам и поставку образцов.
- Формирование склада под заказчика.
- Сертификаты соответствия на поставляемую продукцию (по желанию клиента).
- Тестирование поставляемой продукции.
- Поставку компонентов, требующих военную и космическую приемку.
- Входной контроль качества.
- Наличие сертификата ISO.

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Конструкторский отдел помогает осуществить:

- Регистрацию проекта у производителя компонентов.
- Техническую поддержку проекта.
- Защиту от снятия компонента с производства.
- Оценку стоимости проекта по компонентам.
- Изготовление тестовой платы монтаж и пусконаладочные работы.



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