



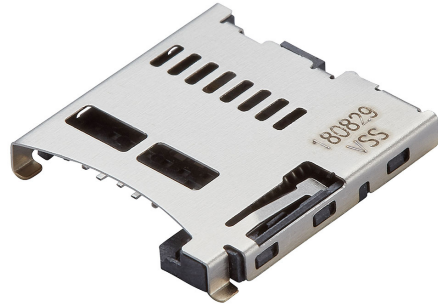
产品编号 : [473521001](#)

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

系列号 : 47352

状态 : Active

Product Category : Memory / SIM Card Connectors



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## 文件和资源

### 图纸

[图纸 473521001\\_sd.pdf](#)

[包装设计图 PK-47352-101-001.pdf](#)

### 3D 模型和设计文件

[3D模型 473521001\\_stp.zip](#)

### 规格

[产品规格 PS-47334-001-001.pdf](#)

[测试摘要 TS-47334-001-008.pdf](#)

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## 产物环境合规

### 合规

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2023)3788-DC (14 Jun 2023)
EU RoHS	Compliant per EU 2015/863

### [多部分产品合规性声明](#)

- Eu RoHS
- REACH SVHC
- Low-Halogen

### [多部分行业合规性文件](#)

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

欧盟 RoHS 合格证书

## 产品详情

### 常规

状态	活动
类别	Memory / SIM Card Connectors
系列	47352
说明	1.10mm Pitch microSD Card Connector, Push-Push Type, with VSS (Supply Voltage Ground) Detect Switch, Lead-Free
个评论	Push-Push Type; With VSS Detect Switch
产品系列	SD and SIM Memory Card Sockets
产品名称	microSD Card
类型	Push-Push
UPC	822350373722

### 机构

CSA	LR19980
UL	E29179

### 电气

每触点最大电流	0.5A
屏蔽	是
电压 - 最大	100V DC

### 物理

卡片探测开关	打开
插卡位置	Front
回路数 (已载入)	8
电路数 (最多)	8

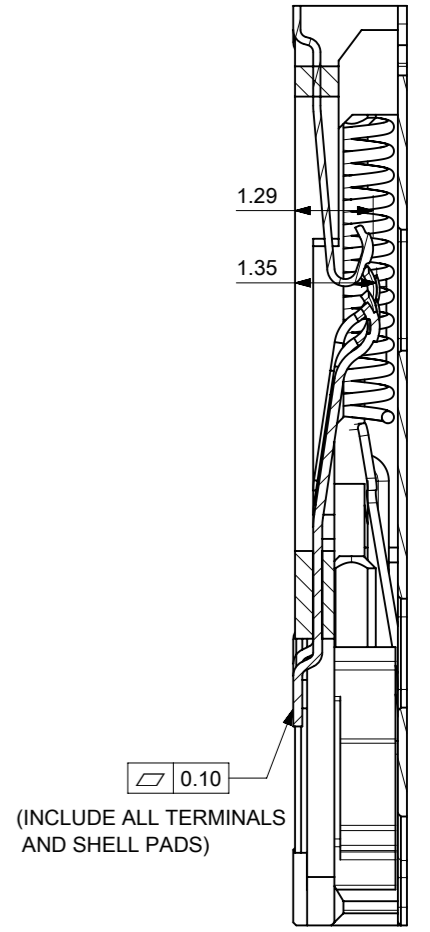
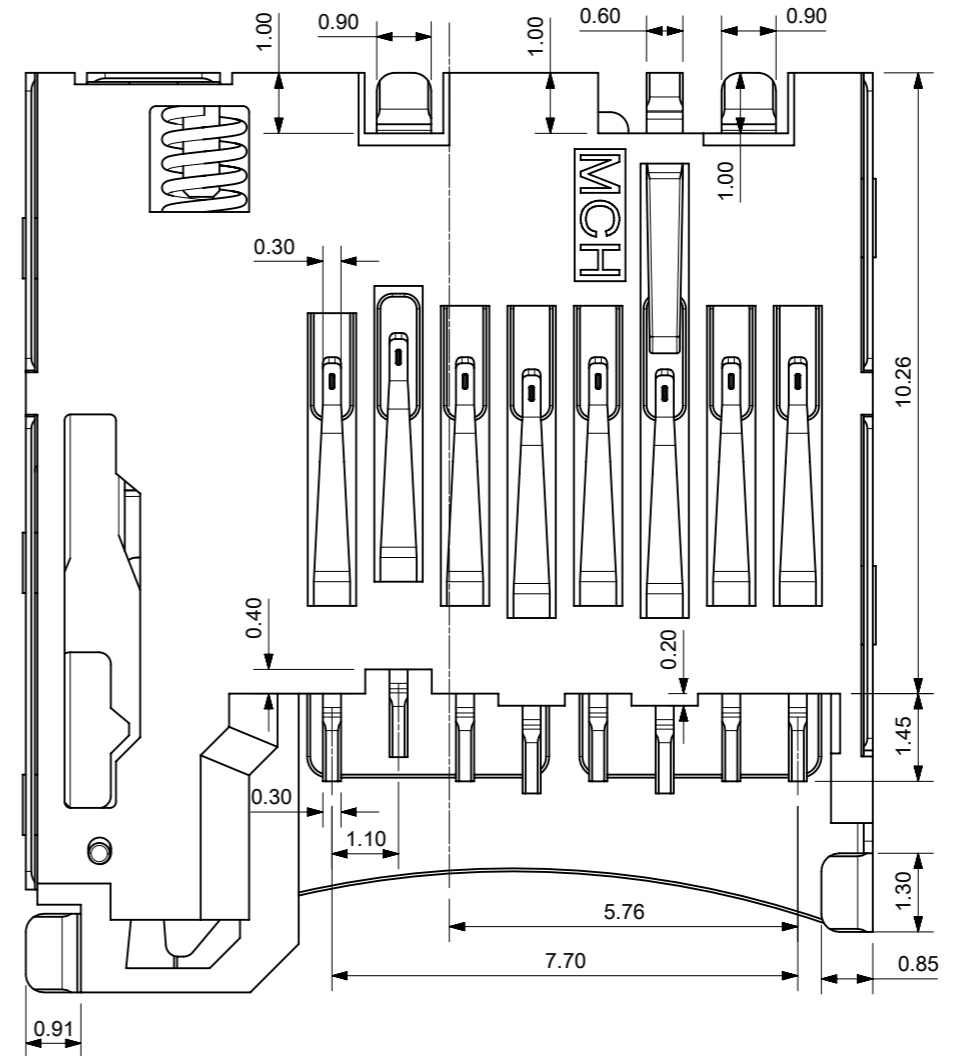
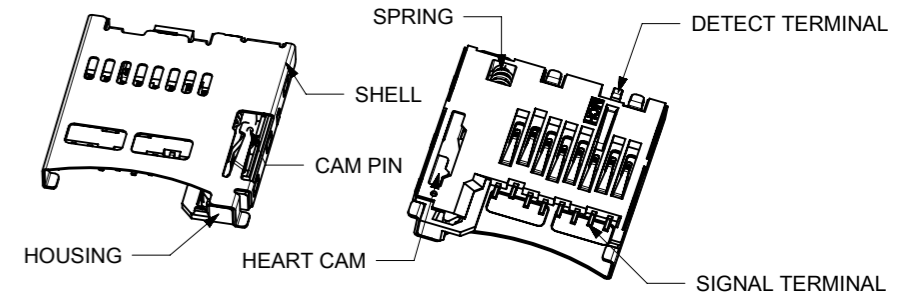
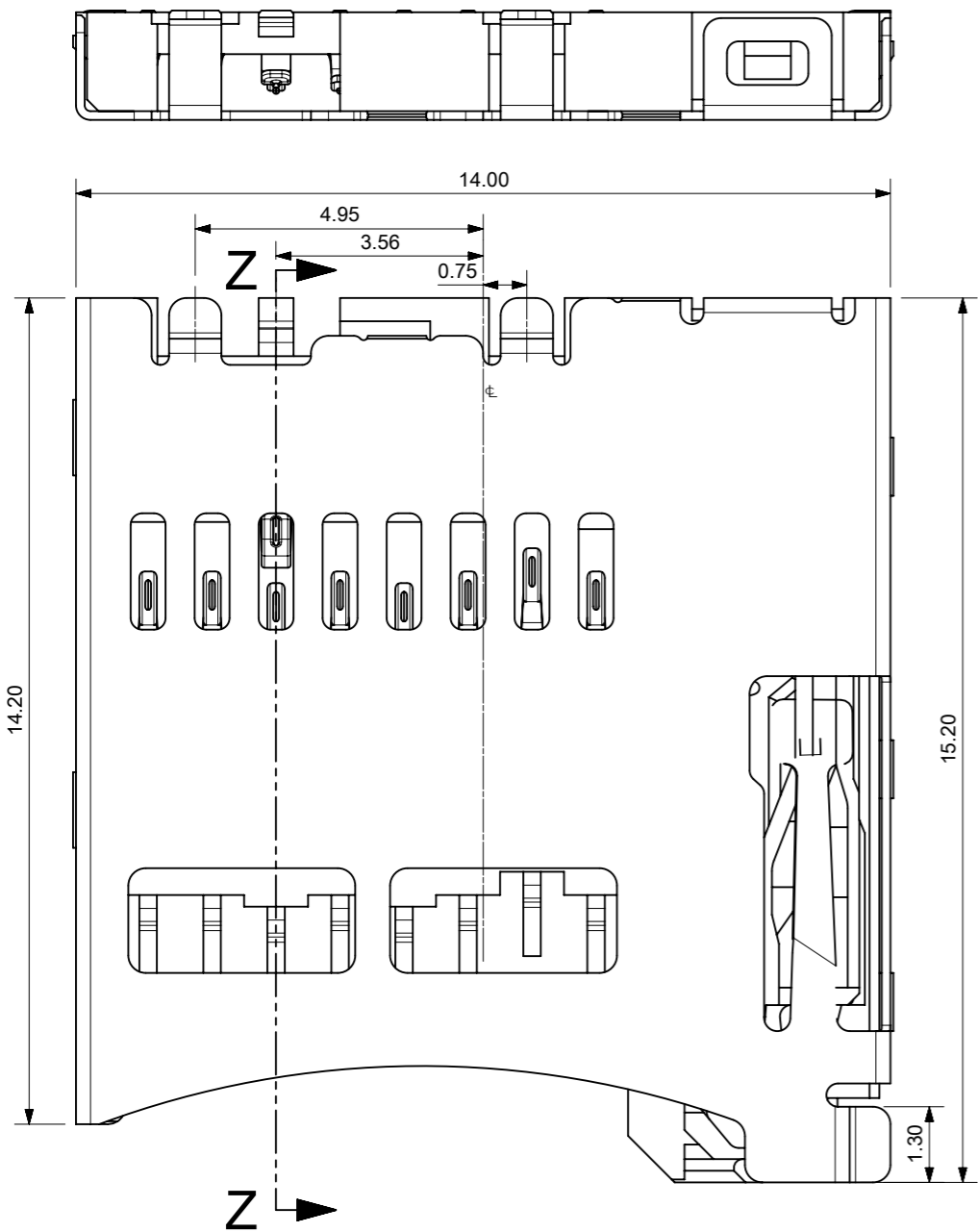
颜色-树脂	黑色
耐用性(插拔次数) - 最多次数	5000
弹出器按钮端	不适用
阻燃性	94V-0
材料 - 触头	Copper Alloy
材料 - 接合部位电镀	金牌
材料 - 终端电镀	Tin
材料 - 树脂	High Temperature Thermoplastic
材料 - 外壳	Stainless Steel
净重	0.516/g
包装形式	Embossed Tape on Reel
PCB 定位器	否
PCB 保持力	是
间距 - 插配接口	1.10mm
间距 - 终端界面	1.10mm
运行温度范围	-40° to +85° C
终端界面类型	Surface Mount

## 进程

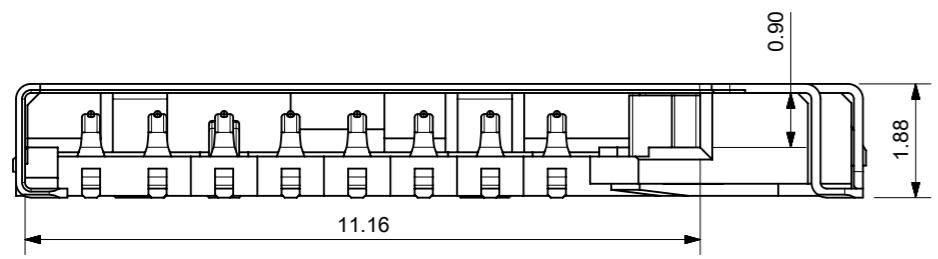
最长持续时间	10
无铅	REFLOW
最大周期	2
最高温度	250

## 可连接使用部件

描述	产品编号
可装的端子等部件	microSD Card

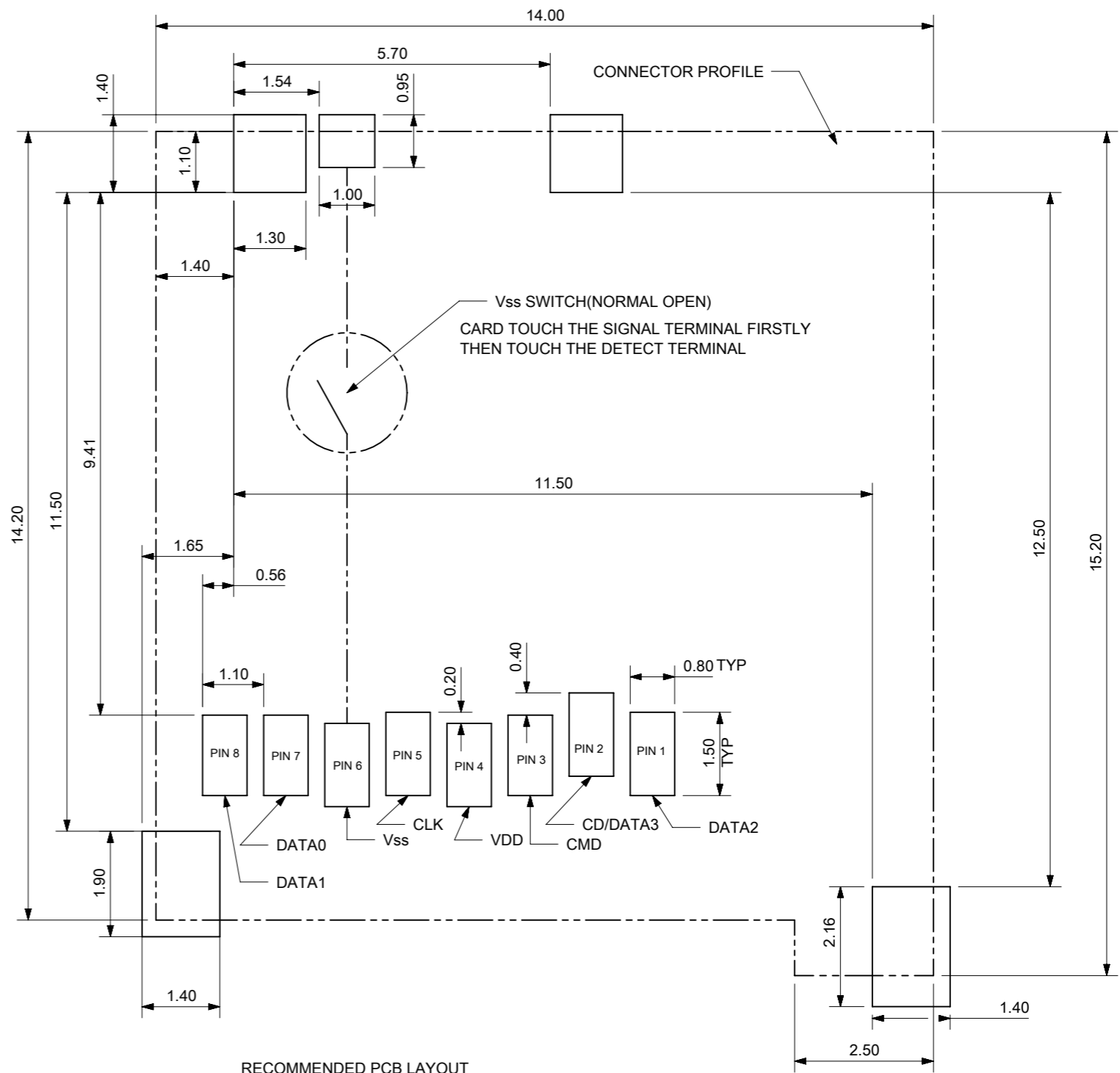
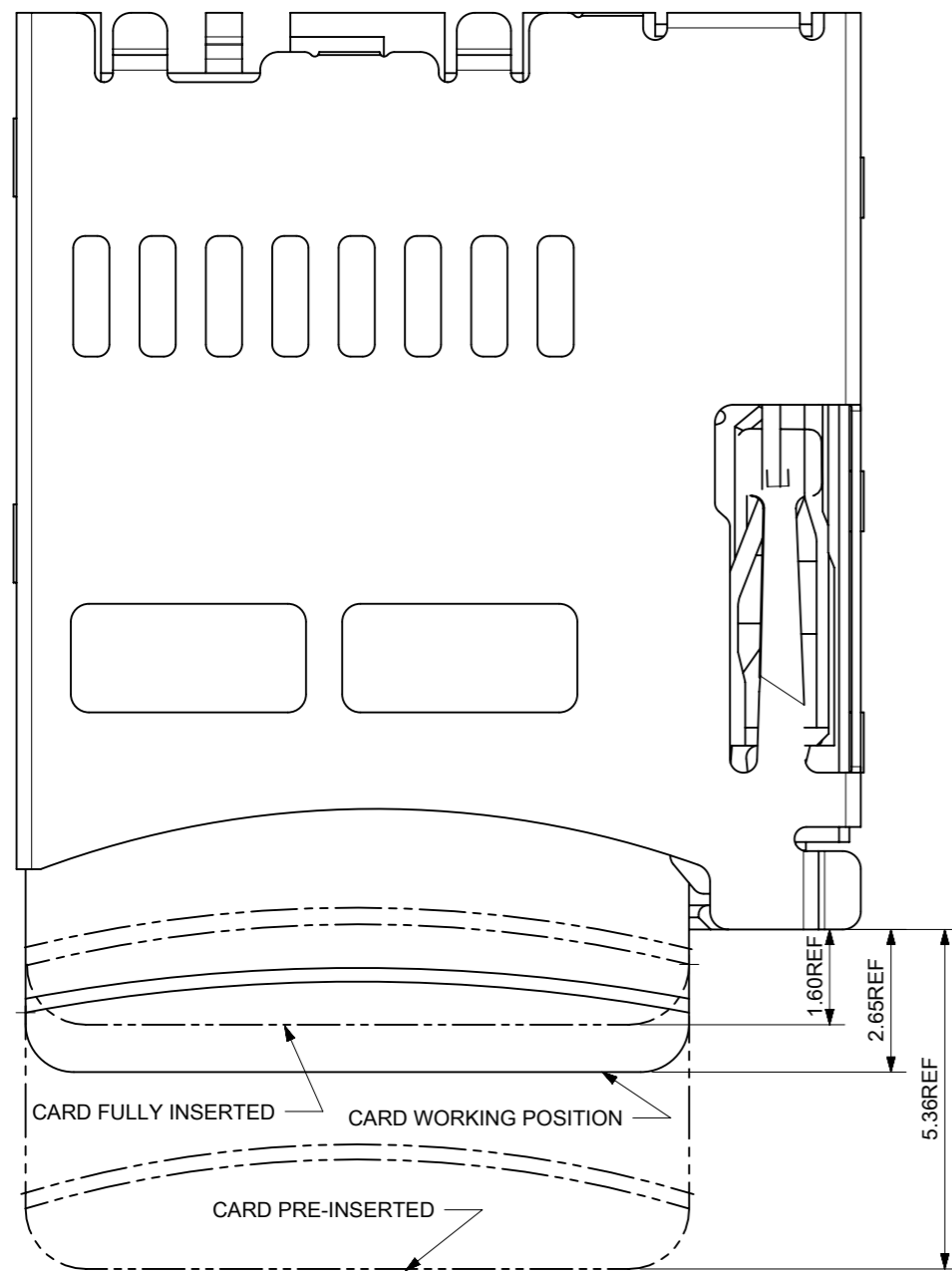


SECTION Z-Z



THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
DIMENSION UNITS		SCALE		CURRENT REV DESC:					
mm		8:1		<b>molex</b> TFR&MICRO SD CARD READER PUSH PUSH TYPE VSS DETECT SWITCH PRODUCT CUSTOMER DRAWING					
GENERAL TOLERANCES (UNLESS SPECIFIED)									
ANGULAR TOL ± 3.0°									
4 PLACES ±		EC NO: 720705							
3 PLACES ±		DRWN: MGLEI 2022/09/09							
2 PLACES ± 0.15		CHK'D: RLI09 2022/09/09							
1 PLACE ±		APPR: RLI09 2022/09/09							
INITIAL REVISION:				DOCUMENT NUMBER					
0 PLACES ±		DRWN: GLLI 2012/06/13		SD-47352-101		DOC TYPE		DOC PART	
		APPR: AYIN 2012/08/01				PSD		001	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES	
						A3-SIZE		47352	
				MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
						GENERAL MARKET		1 OF 2	

DOCUMENT STATUS	P1	RELEASE DATE	2022/09/09	04:42:01
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RECOMMENDED PCB LAYOUT  
 RECOMMENDED STENCIL THICKNESS: 0.12MM  
 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,UL94V-0,BLACK
- 2.FINISH:
  - 2-1.SIGNAL TERMINAL:NICKEL(1.25 MICRONS MINIMUM)UNDERPLATED, GOLD(0.5 MICRONS MINIMUM)PLATING ON CONTACT AREA TIN(2.5 MICRONS MINIMUM)PLATING ON SOLDER TAIL
  - 2-2.DETECT PIN:NICKEL(1.25 MICRONS MINIMUM)UNDERPLATED,GOLD(0.125 MICRONS MINIMUM)PLATING ON CONTACT AREA TIN(2.5 MICRONS MINIMUM)PLATING ON SOLDER TAIL
  - 2-3.SHELL:GOLD FLASH(0.025 MICRONS MINIMUM)OVER NICKEL (1.25 MICRONS MINIMUM)UNDERPLATED ON SOLDER PAD
- 3.MECHANICAL SPECIFICATION:
 

REPEATED 5000TIMES 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

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DRAWING		SERIES		DOCUMENT NUMBER		DOC TYPE		DOC PART			
A3-SIZE		47352		SD-47352-101		PSD		001			
MATERIAL NUMBER		CUSTOMER		REVISION		SHEET NUMBER					
GENERAL MARKET		2 OF 2									