





RECOMMENDED PCB LAYOUT  
 RECOMMENDED STENCIL THICKNESS: 0.12MM  
 TOLERANCE FOR LAYOUT DIMENSIONS: ±0.05

- NOTES:
- MATERIAL:
    - SIGNAL TERMINAL, DETECT TERMINAL: COPPER ALLOY
    - SHELL, CAM PIN, SPRING: STAINLESS STEEL
    - HOUSING, CAM: LCP, UL94V-0, BLACK
  - FINISH:
    - 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
    - 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
    - SHELL: GOLD FLASH (0.025 MICRONS MINIMUM) OVER NICKEL (1.25 MICRONS MINIMUM) UNDERPLATED ON SOLDER PAD
  - MECHANICAL SPECIFICATION:
    - REPEATED 5000 TIMES MATING AND UNMATING CYCLES AND STILL MEET ELECTRICAL CHARACTERISTICS
  - ELECTRICAL SPECIFICATION:
    - RATED CURRENT (PER CONTACT): 0.5 AMPS MAX AND TEMPERATURE RISE SHOULD BE 30°C MAX
    - INSULATION RESISTANCE (I.R.): 100 MEGOHMS MIN.
    - DIELECTRIC WITHSTANDING VOLTAGE: 500 VAC
    - CONTACT RESISTANCE: 100 MILLIOHMS MAX

SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC:		<b>molex</b>
	mm	SCALE 8:1			
▽ = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 704727		TFR&MICRO SD CARD READER PUSH PUSH TYPE VSS DETECT SWITCH
▽ = 0	ANGULAR TOL ± 3.0°		DRWN: MGLEI 2022/04/27		
▽ = 0	4 PLACES ±		CHK'D: RLI09 2022/04/29		PRODUCT CUSTOMER DRAWING
▽ = 0	3 PLACES ±		APPR: RLI09 2022/04/29		
▽ = 0	2 PLACES ± 0.15		INITIAL REVISION:		DOCUMENT NUMBER
▽ = 0	1 PLACE ±		DRWN: GLLI 2012/06/13		SD-47352-101
▽ = 0	0 PLACES ±		APPR: AYIN 2012/08/01		DOC TYPE DOC PART REVISION
□ = 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES
▽ = 0			A3-SIZE	47352	MATERIAL NUMBER
			CUSTOMER		SHEET NUMBER
			GENERAL MARKET		2 OF 2