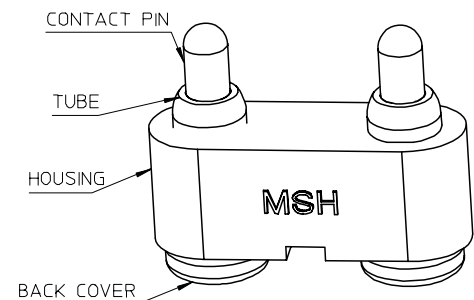


RECOMMEND PCB LAYOUT
COMPONENT SIDE



NOTES:

1 MATERIAL:

- 1-1 CONTACT PIN, TUBE, BACK COVER : BRASS
- 1-2 SPRING : STAINLESS-STEEL WIRE
- 1-3 HOUSING : NYLON 46 UL 94-V0, BLACK

2 FINISH:

- 2-1 CONTACT PIN : OVERALL 1.04μm MIN. GOLD OVER 3~54μm NICKEL
- 2-2 SOLDER TERMINAL(BACK COVER) : OVERALL 0.05~0.34μm GOLD OVER 2~44μm NICKEL

3 PRODUCT SPECIFICATION: PS-47119-001

4 MECHANICAL SPECIFICATION:

- 4-1 CONTACT FORCE AT WORKING HEIGHT OF 4.60mm (PER CONTACT) : 63±15g
CONTACT FORCE AT WORKING HEIGHT OF 4.32mm (PER CONTACT) : 75±15g
CONTACT FORCE AT WORKING HEIGHT OF 4.00mm (PER CONTACT) : 92±15g
- 4-2 DURABILITY MATED 10,000 TIMES AND STILL MEET MECHANICAL CHARACTERISTICS

5 ELECTRICAL SPECIFICATION:

- 5-1 RATED VOLTAGE (PER CONTACT) : 12 VOLTS MAX.
- 5-2 RATED CURRENT (PER CONTACT) : 2 AMPS MAX.
- 5-3 CONTACT RESISTANCE: 25 MILLIOHMS MAX.

CHANGE PLATING SPEC. EC NO: DRWN:YXU CHKD: APPR:	2005/10/17	QUALITY SYMBOLS ▽=0 ▽=2	DESCRIPTION REV
	D		

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	
DRAWN BY	DATE
XU XIANG	2005-04-20
CHECKED BY	DATE
Y. J WU	2005-04-20
APPROVED BY	DATE
VINCENT	2005-04-20
MATERIAL NO. 471190001	

SCALE 10:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
TITLE 2 PIN POGO PIN CONNECTOR		MOLEX INCORPORATED	
DOCUMENT NO. SD-47119-001		SHEET NO. 1 OF 1	
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