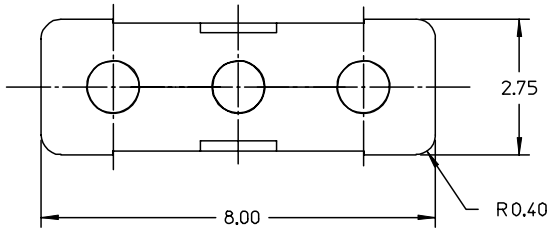
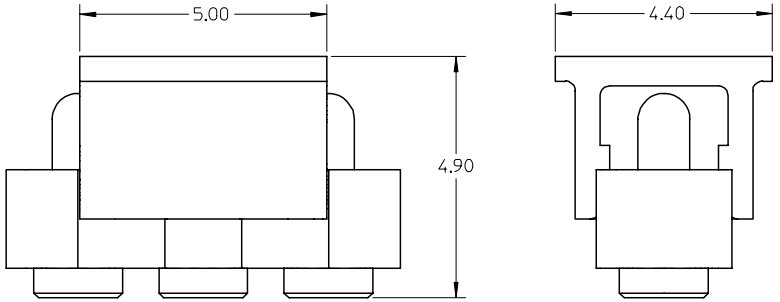
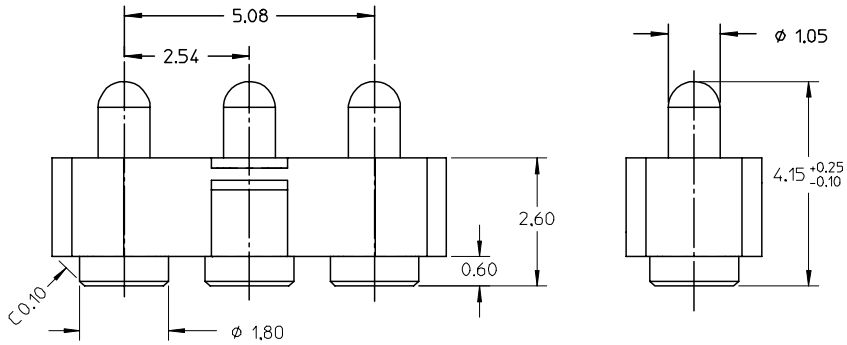
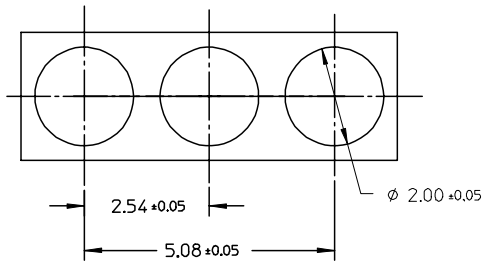
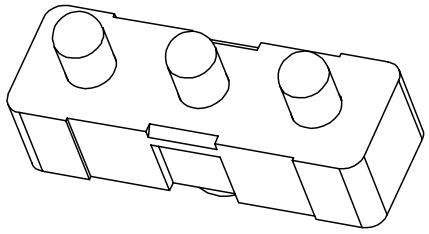








RECOMMENDED PCB LAYOUT



NOTES:

1 MATERIAL:
- 1-1 PIN : COPPER ALLOY
- 1-2 SOLDER PAD : COPPER ALLOY
- 1-4 SPRING : SWP-B, PIANO WIRE OR EQUIVALENT
- 1-5 HOUSING : NYLON 46 UL 94-V0, BLACK

2 FINISH:
- PIN SOLDER PAD & SPRING : OVERALL 4μ" MIN. GOLD OVER 50μ" MIN. NICKEL

3 MECHANICAL SPECIFICATION:
- 3-1 NOMINAL WORKING HEIGHT : 3.45mm
- 3-2 MINIMUM WORKING HEIGHT : 2.80mm
- 3-3 MAXIMUM WORKING HEIGHT : 3.90mm
- 3-4 SPRING FORCE: 0.6±0.15N AT NOMINAL WORKING HEIGHT
- 3-5 DURABILITY : 20,000 cycles

4 ELECTRICAL SPECIFICATION :
- 4-1 RATING VOLTAGE : 60VDC
- 4-2 RATING CURRENT : 0.5A MAX.
- 4-3 CONTACT RESISTANCE : 30 mOhms MAX AT NOMINAL WORKING HEIGHT

5 PRODUCT SPECIFICATION : PS-47063-001

REV	DESCRIPTION	EC NO:	DRWN:	CH'KD:	APPR:	DATE
A	ADD P/P CAP	SH2005-0214	XIXU		YTYAP	2005/01/20

QUALITY SYMBOLS
▼=0
Ⓒ=0

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
SCALE	10:1
DESIGN UNITS	METRIC
	THIRD ANGLE PROJECTION
DRAWN BY	XU XIANG
DATE	2005-01-11
CHECKED BY	Y. J WU
DATE	2005-01-11
APPROVED BY	VINCENT YAP
DATE	2005-01-11
MATERIAL NO.	470630001
DOCUMENT NO.	SD-47063-001
SHEET NO.	1 OF 1
SIZE	A3

TITLE: ASSEMBLY POGO PIN CONNECTOR

MOLEX INCORPORATED

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