

NOTES:

1 MATERIAL:

- 1-1 TERMINAL : BERYLLIUMCOPPER, THICKNESS 0.20MM
- 1-2 HOUSING : HIGH TEMPERATURE THERMAL PLASTIC
- 1-3 FITTING NAIL : BRASS, THICKNESS 0.30MM
- 1-4 MYLAR : THICKNESS 0.15MM

2 FINISH:

2-1 TERMINAL :

- 50~150 μ NICKEL UNDER PLATED
- 30 μ MIN GOLD PLATING ON CONTACT AREA
- 3 μ MIN GOLD FLASH ON SOLDERING AREA

2-2 FITTING NAIL :

- 50~200 μ NICKEL UNDER PLATED
- 100~200 μ TIN PLATED ON SOLDERING AREA

3 MECHANICAL SPECIFICATION:

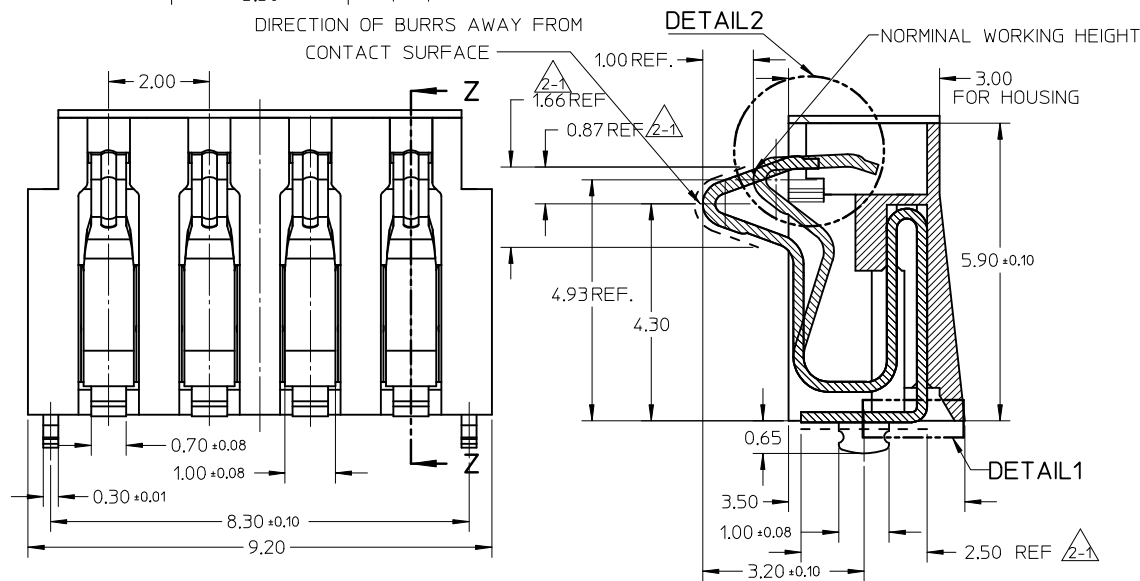
- 3-1 FORCE : 135 \pm 25g/ 0.7mm AWAY FROM HOUSING SURFACE
- 3-2 MATING CYCLES : 10,000 TIMES

4 ELECTRICAL SPECIFICATION:

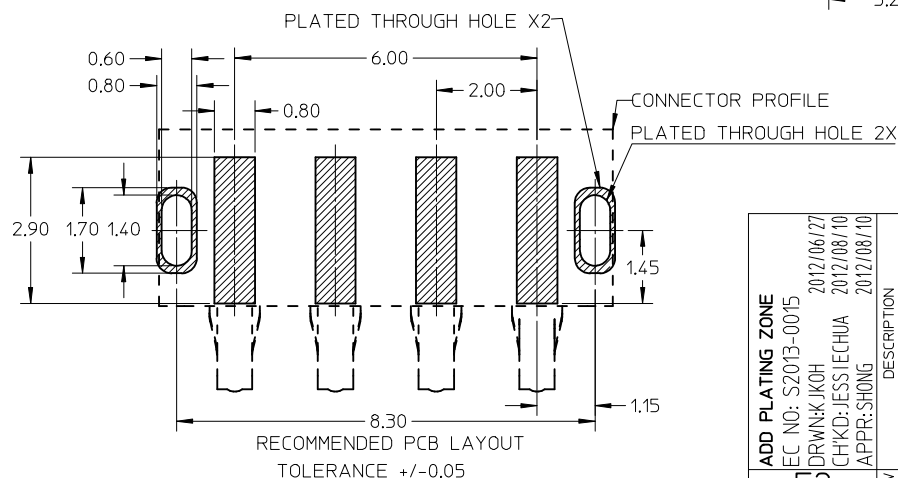
- 4-1 RATED VOLTAGE : 200 VOLTS RMS MAX.
- 4-2 RATED CURRENT : 1.5 AMPS CONTINUOUS AND 2 AMPS PULSES
- 4-3 CONTACT RESISTANCE : 25 MILLIOHMS MAX.

5 ADHIBIT MYLAR AFTER ASSEMBLY PROCESS

6 COMPLIANT TO ROHS DIRECTIVE 2002/95/EC AND ELV 2000/53/EC.



SECTION Z-Z



RECOMMENDED PCB LAYOUT
TOLERANCE ± 0.05

REV	DESCRIPTION
E2	ADD PLATING ZONE
	EC NO: S2013-0015
	DRW: JKH
	CHKD: JESSIECHUA
	APPR: SHONG
	2012/06/27
	2012/08/10
	2012/08/10

QUALITY SYMBOLS
$\nabla = 0$
$\nabla = 0$

GENERAL TOLERANCES (UNLESS SPECIFIED)	
mm	INCH
4 PLACES \pm ---	\pm ---
3 PLACES \pm ---	\pm ---
2 PLACES ± 0.15	\pm ---
1 PLACE \pm ---	\pm ---
ANGULAR \pm ---	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

DIMENSION STYLE MM ONLY	
DRAWN BY	DATE
XU XIANG	2006-06-29
CHECKED BY	DATE
XU XIANG	2007/03/14
APPROVED BY	DATE
JNCHEN	2007/03/19
MATERIAL NO.	
SEE TABLE	
SIZE	
A3	

SCALE
10:1
TITLE
2.0MM PITCH 4 PINS T/H SIDE CONTACT BATTERY CONN.
MOLEX INCORPORATED
DOCUMENT NO. SD-47507-001

475070010	WITH MYLAR
475070001	WITHOUT MYLAR
PART NO.	PART DESCRIPTION
DESIGN UNITS METRIC	THIRD ANGLE PROJECTION

SHEET NO.	
1 OF 1	
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