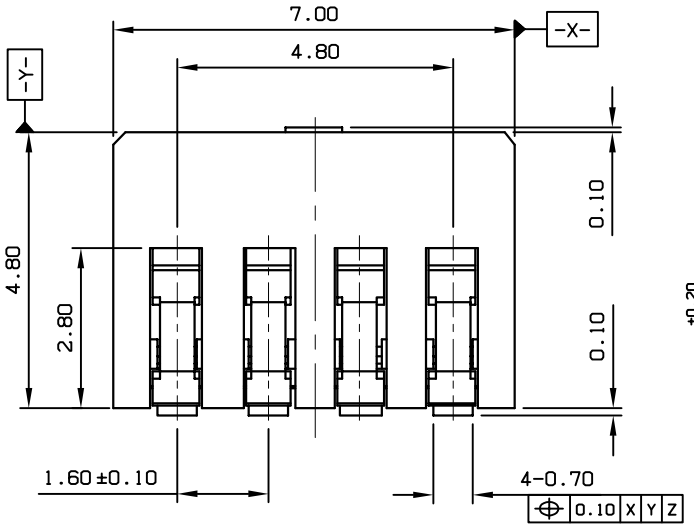
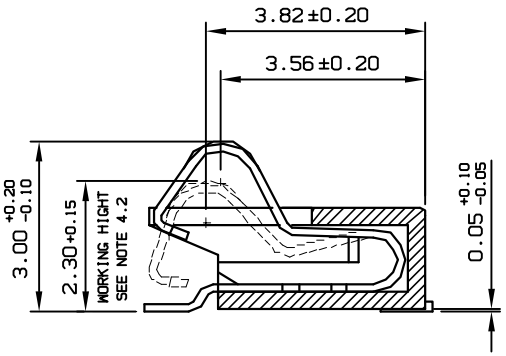
REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PROPOSE ONLY	ERIC	07-04-13





SECTION A-A 01

NOTES.

1.MATERIAL.

A. PIN.ALLOY COPPER

B. INSULATION. HIGH TEMPERATURE THERMOPLASTICS,UL 94 V-0

2. FINISH

50~100u"NICKEL UNDERPLATED ALL OVER

5u"GOLD PLATED AT MATEING AREA

50~100u"TIN PALTED AT SOLDER TAIL

3. ELECTRICAL SPECIFICATIONS.

VOLTAGE RATING.250 VAC MIN.

CURRENT RATING.2.0 A MIN

DIELECTRIC STRENGTH.1000 VAC FOR 1 MINUTE MIN

INSULATION RESISTANCE.1000 MEG OHM MIN

CONTACT RESISTANCE.30 MILL.OHM MAX

OPERATION TEMPERATURE.-55°C TO +125°C

PRODUCT WITHSTANDING REFLOW SOLDERING 260°C FOR 10s

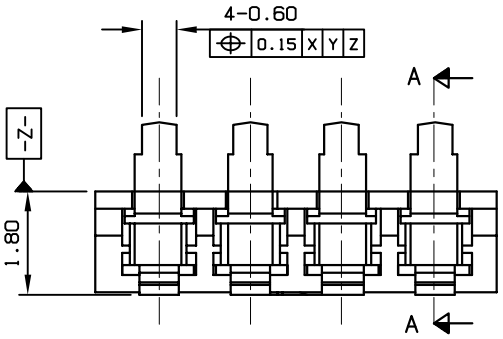
4. MECHANICAL SPECIFICATIONS.

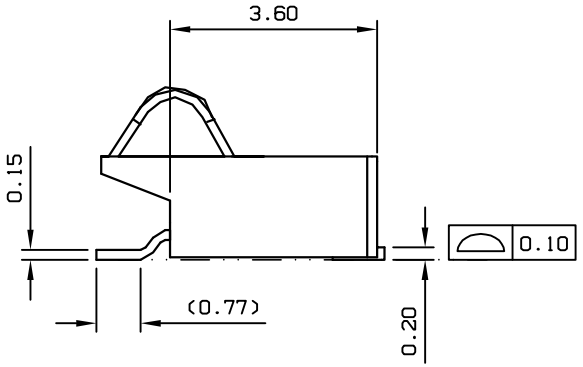
4.1 DURADILITY.5000 CYCLES

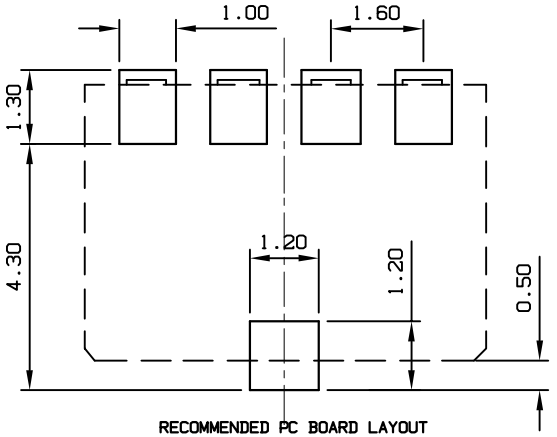
4.2 NORMAL FORCE AT WORKING POSITION. 80g MIN.

4.3 NORMAL FORCE AT FULL DISTORTION POSITION. 90g MIN.

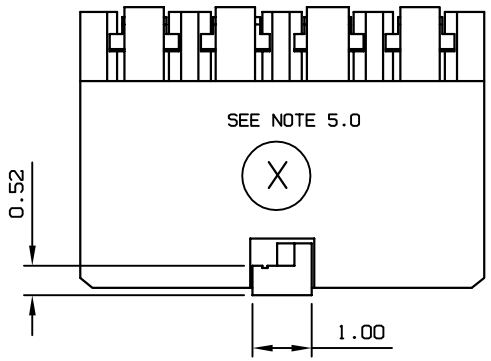
5.THE CAVITY# IS 0.8±0.10 HIGH WITH 0.10±0.10 RECESSED FOR SURFACE

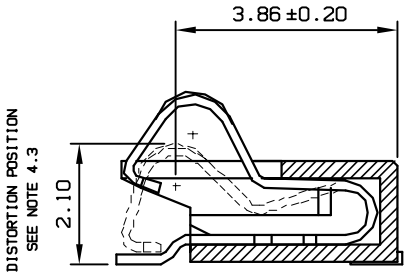






RECOMMENDED PC BOARD LAYOUT
TOLERANCE. ±0.05[TOP VIEW]





SECTION A-A 02

NO.	DESCRIPTION	QT.Y	MATERIAL	NOTE
3	TAIL	1	COPOER ALLOY	Tin Plated
2	TERMINAL	4	COPOER ALLOY	CONTACT AREA 10u" Au.
1	HOUSING	1	LCP UL94V-0	Color.Black

UNLESS OTHERWISE SPECIFED TOLERANCES

DECIMALS. ANGLES.

X .±0.5 X .±2°

X.X .±0.20 X.X .±1°

X.XX .±0.10

深圳市精睿兴业科技有限公司
SHENZHEN KRCONN TECHNOLOGY CO. , LTD

TITLE	4PIN 1.6PITCH 1.8H BATTERY CONN.			
DWN	Johnie	PART NO. 9102-00415-05R		
CHKD	Kevin.d	SCALE.1.1	UNIT. mm	
APVD	Simon.Mo	SIZE. A4	SHEET.1OF 1	REV. A

CUSTOMER COPY