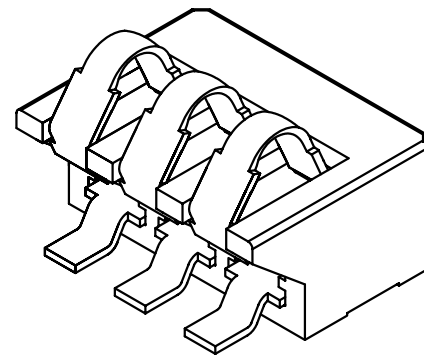
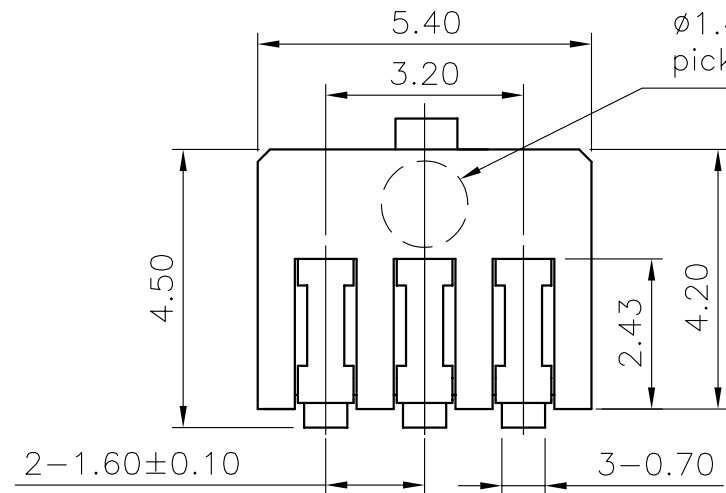


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CUSTOMER DRAWING



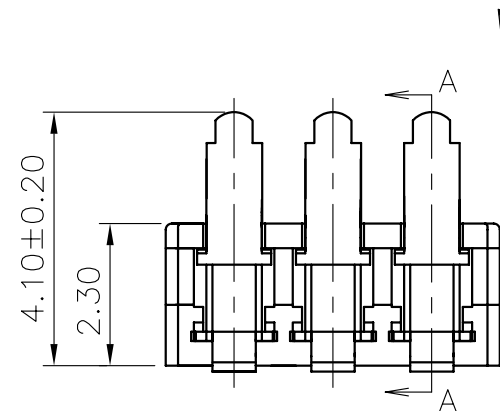
REVISIONS				
SYM	ECN	DESCRIPTION	DATE	APPROVED
A	HK3055	Replace BC-23S-03 drawing	07/14/04	IP
B	HK3305	CHANGE TO LEAD FREE.	4/8/05	IP
C	HK3318	CHANGE THE SOLDER TAB	10/18/05	IP
1	HK5550	Updated drawing for cusotmer	01/13/09	IP



ORDER NUMBER
BC-23S-03-X

①

NIL- For Contact:
0.38μm(15u") Gold Plated At Mating Area,
1.27μm-5.08um (50u"-200u") Average
Matte Tin Plated At Solder Tail
1.27um(50u") Nickel Underplated All Over
For Solder Tab: Matte-Tin Plated
1 - For Contact:
0.38μm(15u") Gold Plated At Mating Area,
Gold Flash Plated Except Mating Area
1.27um(50u") Nickel Underplated All Over
For Solder Tab: Gold Flash Plated



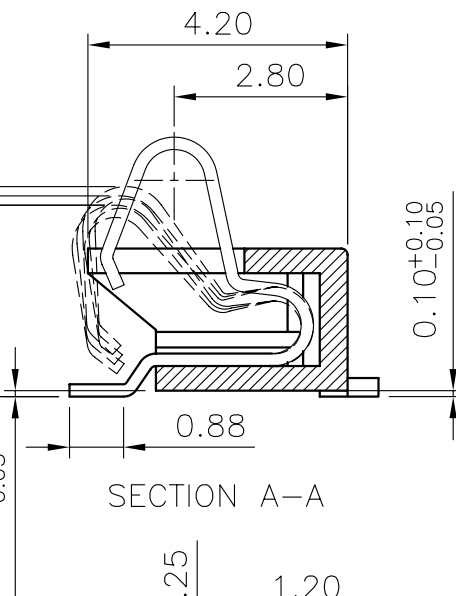
①

(3.25)SEE NOTE 4.2

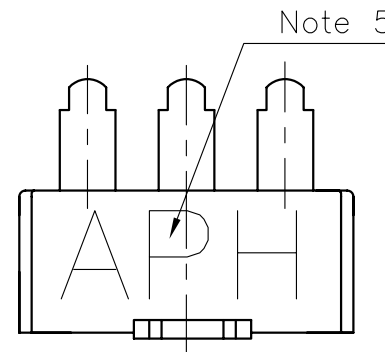
(0.30)

(Working Range)

0.10±0.10
0.05



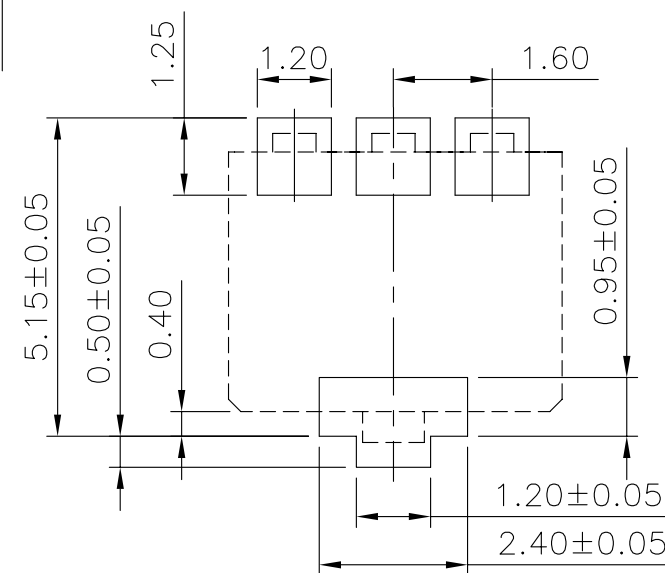
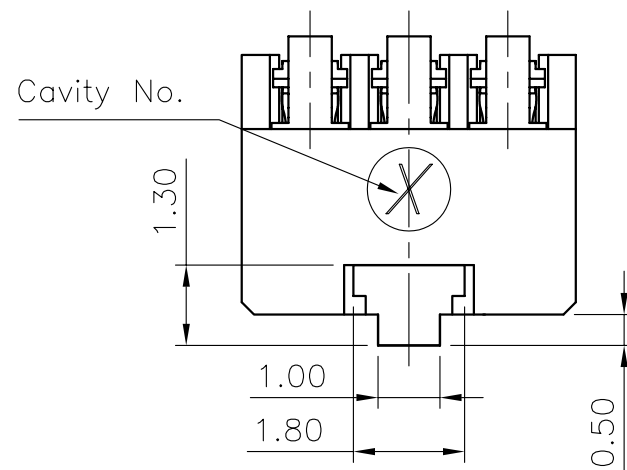
SECTION A-A



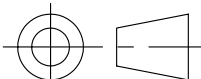
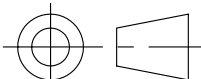
Note 5

NOTES: ①

- MATERIAL:
A. CONTACT: COPPER ALLOY.
B. INSULATOR: HIGH TEMPERATURE THERMOPLASTIC
UL94V-0, BLACK.
- FINISH: SEE PART SYSTEM
- ELECTRICAL SPECIFICATIONS:
VOLTAGE RATING: 250 VAC
CURRENT RATING: 2.0 A
DIELECTRIC STRENGTH: 1000 VAC FOR 1 MINUTE MIN
INSULATION RESISTANCE: 1000 MEG OHM MIN
CONTACT RESISTANCE: 30 MILL.OHM MAX
OPERATION TEMPERATURE: -55° TO +125°C
PRODUCT WITHSTANDING REFLOW SOLDERING 260° FOR 10S
- MECHANICAL SPECIFICATIONS:
4.1 DURABILITY: 5,000 CYCLES
4.2 NORMAL FORCE AT MATED POSITION: 80g MIN.
- AMPHENOL IDENTIFICATION TO BE MOLDED INTO INSULATOR.
- PARTS TO BE PACKAGED IN ANTI-STATIC TAPE AND REEL
FOR AUTOMATIC PLACEMENT. ALL PACKAGING MATERIALS TO BE
APPROVED BY AMPHENOL ENGINEERING.
- RoHS COMPLIANCE.



Recommended PCB Layout

UNLESS OTHERWISE SPECIFIED TOLERANCES		APPROVAL		DATE		Amphenol			
U.S.	METRIC	DRAWN	Sandia.Hu	01/13/09					
.X +/-	0.25	CHECKED	Victor.Lin	01/13/09		TITLE 3 Pins SMT Battery Connector			
.XX +/-	0.20	CHECKED							
.XXX +/-									
FRACTIONS +/-									
ANGLES +/-	0.5°	DRAWING FILE : \\DRAWING\BC\CBC23S03X-1.dwg							
FOR MATERIALS AND FINISHES SEE NOTES		ANGLE OF PROJECTION							
REMOVE SHARP EDGES									
DIMENSIONS									
U.S.		INCHES		SIZE		DRAWING NO.		REV.	
(METRIC)		(MM)		A3		C BC-23S-03-X		1	
				SCALE		NONE		SHEET 1 OF 1	