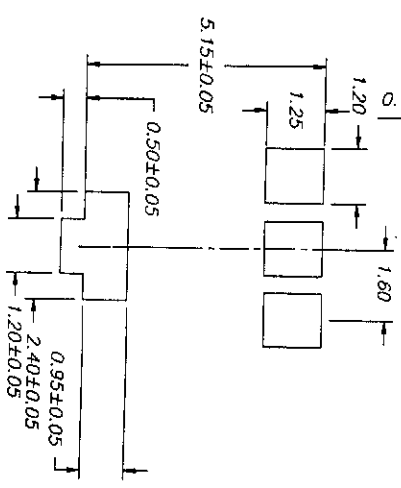
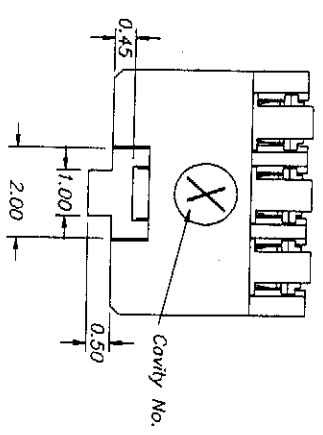
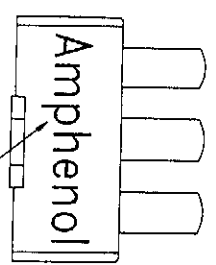
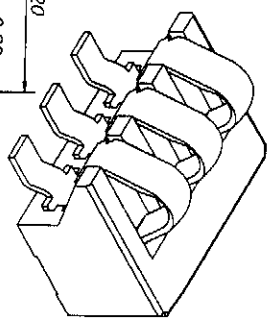
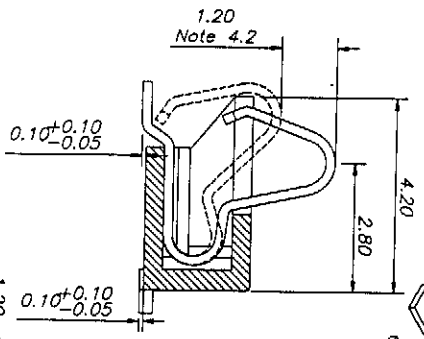
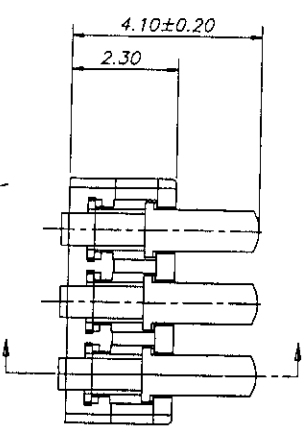
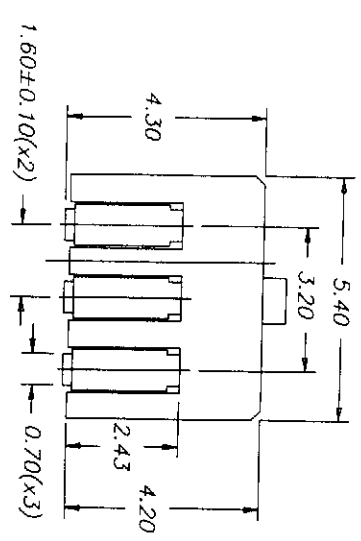


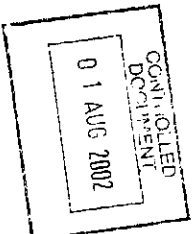
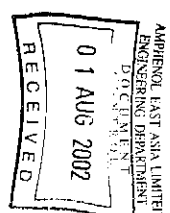
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# CUSTOMER DRAWING



Recommended PCB layout

- NOTES:
- MATERIAL:
    - A. CONTACT: BERYLLIUM COPPER
    - B. INSULATOR: 30% GLASS-FILLED THERMOPLASTIC LCP OR EQUIVALENT
  - FINISH: 15 MICRON (0.381 MICRON) GOLD PLATE AT MATING AREA, 100-200 MICRON (2.54-5.08 MICRON) AT SOLDER TAIL, 50-100 MICRON (1.27-2.54 MICRON) NICKEL UNDERPLATED ALL OVER.
  - 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 MILLIOHM MAX
    - OPERATION TEMPERATURE: -55° TO +125°C
    - PRODUCT WITHSTANDING REFLOW SOLDERING 260° FOR 10S
  - MECHANICAL SPECIFICATIONS:
    - 4.1 DURABILITY: 10,000 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.
  - THE ORDER P/N IS BC-23S-03.



REVISIONS		DATE	APPROVED
SYM	DESCRIPTION		
A1	HK2251 Release for tooling fabrication	06/24/02	IP
A2	HK2280 B3: Added mated position	07/25/02	IP

ITEM NO.	PART OR IDENTIFICATION NO.	QUANTITY	DESCRIPTION	REV.
PARTS LIST				
UNLESS OTHERWISE SPECIFIED				
TOLERANCES				
U.S. METRIC				
X	±.01	±.01	±.01	±.01
XX	±.005	±.005	±.005	±.005
XXX	±.002	±.002	±.002	±.002
ANGLES	±.1°	±.1°	±.1°	±.1°
FOR MATERIALS AND FINISHES SEE DRAWING (S) OR CROSS-DRAWING				
REMARK: SHARP EDGES				
DIMENSIONS				
±.005	±.005	±.005	±.005	±.005
±.01	±.01	±.01	±.01	±.01
±.02	±.02	±.02	±.02	±.02
DRAWING FILE: 3 Pins SMT Battery Connector				
TITLE: Amphenol				
DRAWING NO.: BC-23S-03				
SCALE: NONE				
SHEET 1 OF 1				