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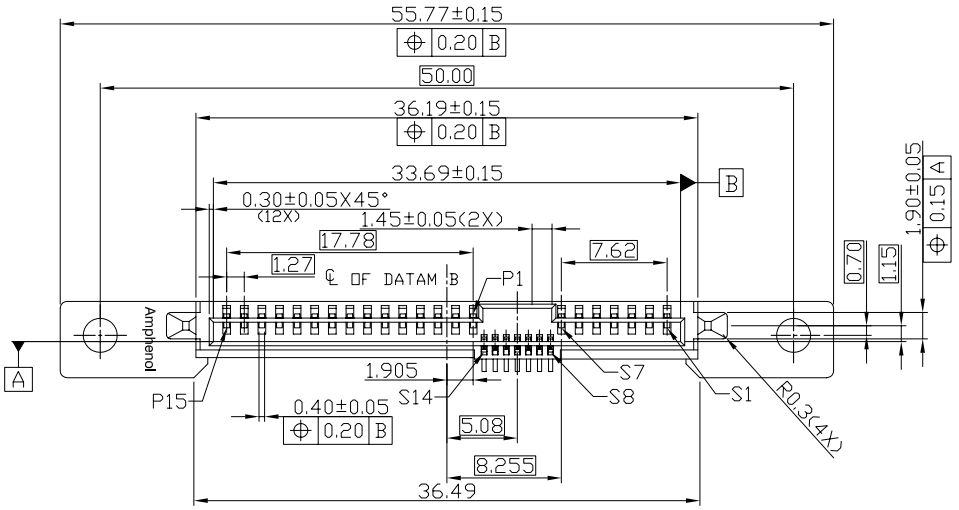
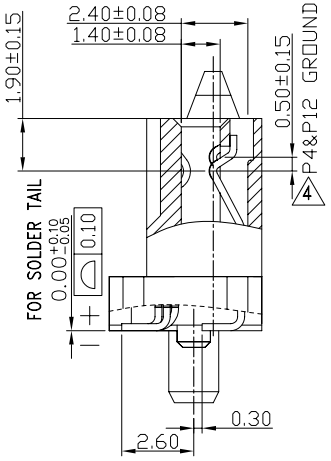
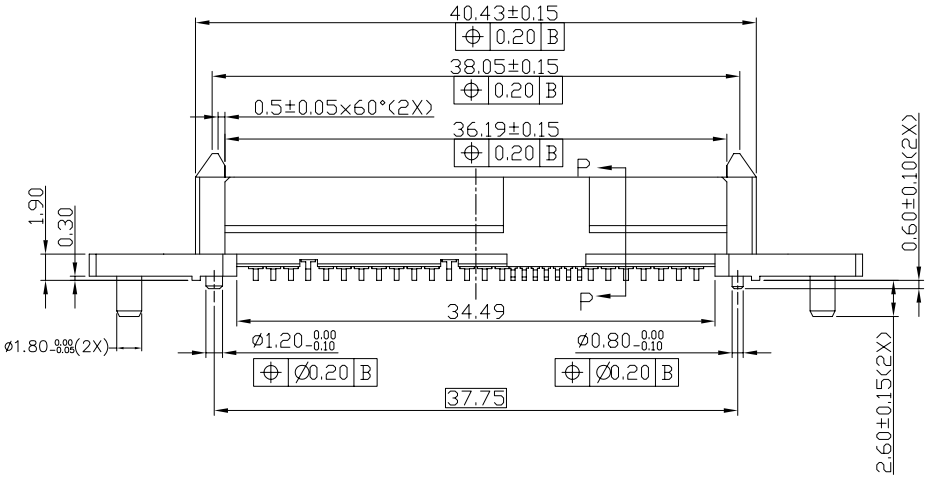
REVISIONS				
SYM	ECN	DESCRIPTION	DATE	APPROVED
3	HKXXXX	RELEASE TO MASS PRODUCTION	12/07/09	IP
4	HK6187	Add the post materials defined in Note 1	5/13/10	IP

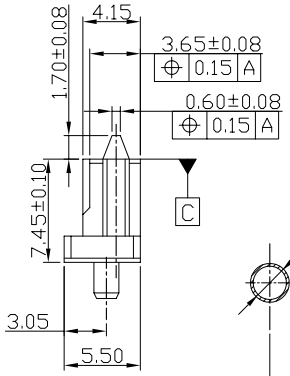


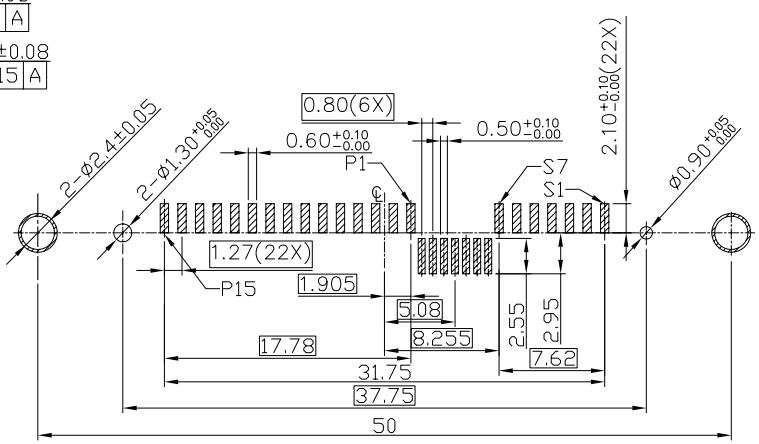


SECTION P-P 2:1

NOTES:
1. Material HOUSING: HIGH TEMPERATURE PLASTIC, UL94V-0, COLOR: BLACK
   CONTACT: PHOSPHOR BRONZE
   POST: BRASS.
   CONTACT PLATING: UNDER PLATING WITH NICKEL 1.27um MIN.
   OVER PLATING WITH GOLD ON MATING AREA
   GOLD PLATING THICKNESS REFER TO P/N SYSTEM
   PURE MATTE TIN 2.54um MIN. PLATING ON TERMINAL.
   POST PLATING: 2.54um MIN. PURE MATTE TIN OVER 1.27um MIN. NICKEL.
2. ELECTRICAL SPECIFICATION: MAXIMUM RATED CURRENT: 1.5Amps@30°C MAX.
   CONTACT RESISTANCE: 30 MILLI-OHMS MAX.
   INSULATOR RESISTANCE: 1000MEGOHMA MIN.
   DIELECTRIC WITHSTANDING VOLTAGE: 500 V AC
3. MATERIAL SHOULD BE FULFILLED AMPHENOL SPEC# SSN002.
4. PREMATING AT P4 & P12
5. ORDER P/N SYSTEM: SAS-F311-004-X-XX
   - MATING AREA PLATING
     1-Au 0.76um MIN.
     2-Au 0.38um MIN.
     3-Au GOLD FLASH
   - PACKING
     NIL-TRAY WITHOUT PICK-UP CAP
     C-TRAY WITH PICK-UP CAP
     TR-TAPE AND REEL WITH PICK-UP CAP

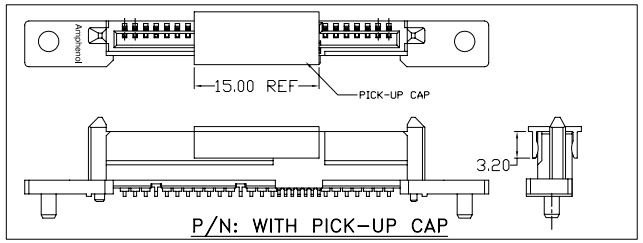






RECOMMENDED PCB LAYOUT

PCB THICKNESS=2.40mm



P/N: WITH PICK-UP CAP

Amphenol Shenzhen RoHS Compliant EU2002/95/EC

Customer Drawing

UNLESS OTHERWISE SPECIFIED TOLERANCES U.S. / METRIC: .X +/- 0.50; .XX +/- 0.25; .XXX +/- 0.20; FRACTIONS +/-; ANGLES +/- 3°	APPROVAL	DATE	Amphenol
	DRAWN Frison.Lu	5/13/10	
	CHECKED Tom.Tang	5/13/10	
	CHECKED		
FOR MATERIALS AND FINISHES SEE NOTES	DRAWING FILE : DRAWING\SAS\CSASF311004XXX-4		TITLE: Customer Drawing for 6G SAS STRAIGHT SMT RECEPTACLE
REMOVE SHARP EDGES	ANGLE OF PROJECTION		SIZE A3 / DRAWING NO. C SAS-F311-004-X-XX / REV. 4
DIMENSIONS U.S. / (METRIC) INCHES / (MM)			SCALE NONE / SHEET 1 OF 1