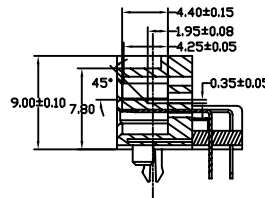
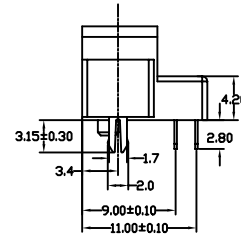
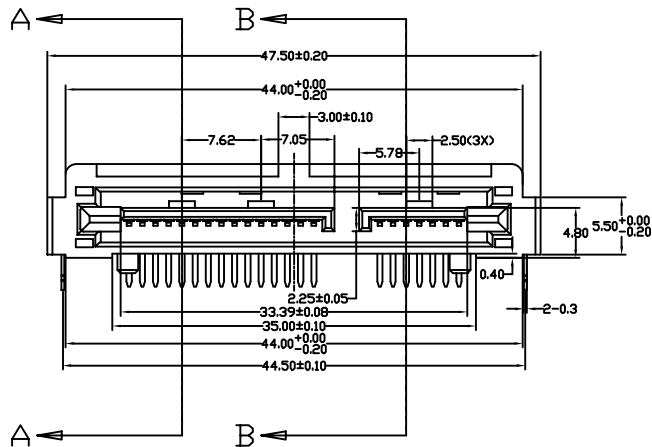
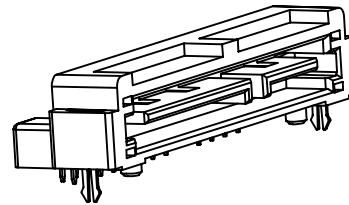
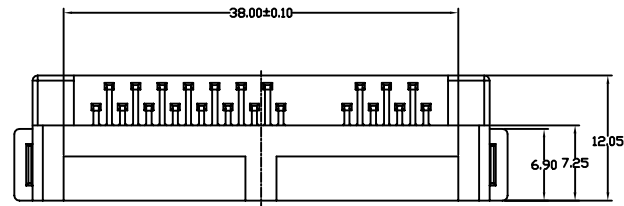
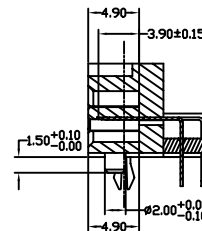
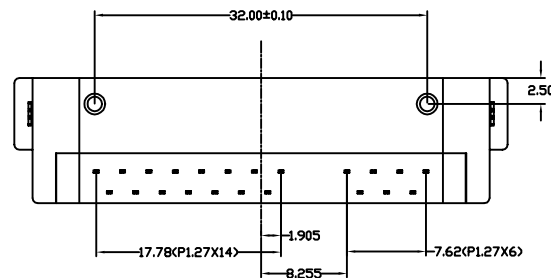


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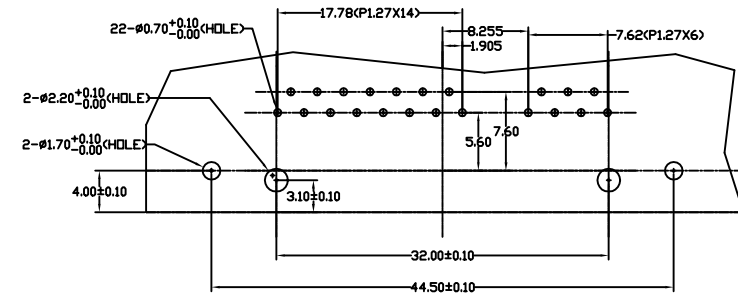
SECTION A-A



SECTION B-B

REVISIONS

SYM	ECN	DESCRIPTION	DATE	APPROVED
A	HKXXXX	INITIAL RELEASE	6/28/05	Micheal.IP
B	HKXXXX	MODIFY THE POST	7/10/05	Micheal.IP
C	HKXXXX	MODIFY THE PLASTIC	7/26/05	Micheal.IP
D	HKXXXX	MODIFY THE BOARD LINE WIDTH FROM 1.50 TO 1.70 MODIFY THE TAB LENGTH FROM 2.80 TO 2.50	9/15/05	Micheal.IP



RECOMMENDED PCB LAYOUT
(PCB THICKNESS: 1.6mm OR 2.0mm)

NOTE:

- MATERIAL:**
HOUSING: FR-6145, UL 94 V-0, BLACK;
CONTACTS: COPPER ALLOY T=0.25mm;
CONTACT FINISHED: 1.27-2.54um. NICKEL UNDER PLATED ON ENTIRE CONTACT;
SEE NOTES 4 FOR GOLD PLATING ON MATING AREA;
2.54-5.08um MATTE TIN PLATED ON TAIL AREA;
SOLDER TAB: BRASS, t=0.3mm;
SOLDER TAB FINISHED: 2.54-5.05um PURE MATTE TIN OVER 1.27um MIN. NICKEL;
- SPECIFICATIONS:**
RATED CURRENT: SIGNAL PIN 1.5A MIN
POWER PIN 1.5A MIN
DIELECTRIC STRENGTH: 1000V FOR 1 MINUTE
INSULATION RESISTANCE: 1×10^3 M Ω
TEMPERATURE: -40°C TO +105°C
CONTACT RESISTANCE: 30m Ω MAX
PIN RETENTION FORCE: 10N MIN. TOTAL (2.25 LB)
- PACKAGE: PACKING WITH TRAY.**
- ORDERING INFORMATION:**

SATA - 001 - 0221 - X

GOLD PLATING ON MATING AREA:
1: 0.76 um MIN.
2: 0.38 um MIN.
3: GOLD FLASH

Customer Drawing



UNLESS OTHERWISE SPECIFIED TOLERANCES U.S. METRIC .X +/- 0.3 .XX +/- 0.15 .XXX +/- 0.15 FRACTIONS +/- 1/2 ANGLES +/- 2° FOR MATERIALS AND FINISHES SEE NOTES REMOVE SHARP EDGES DIMENSIONS U.S. INCHES (METRIC) (MM)	APPROVAL	DATE	Amphenol	
	DRAWN: Tom.tang	9/15/05		
	CHECKED: Micheal.IP	9/15/05		
	CHECKED		TITLE	
DRAWING FILE : \\DRAWING\DATA\CSATA0010221X.DWG			15+7PIN SATA PLUG	
ANGLE OF PROJECTION			SIZE	DRAWING NO.
			A3C	SATA-001-0221-X
			SCALE	SHEET 1 OF 1
			NONE	REV. D

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