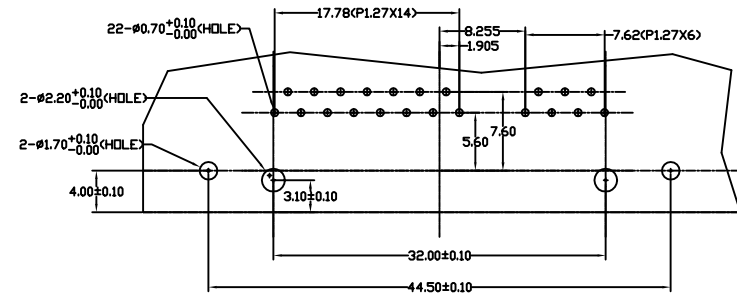
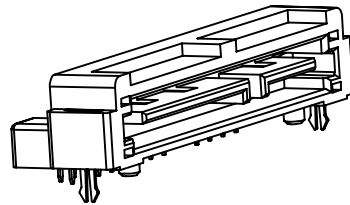
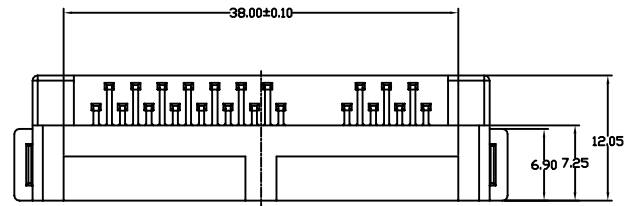


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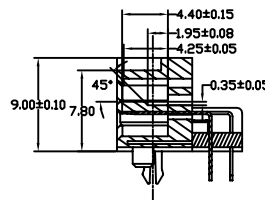
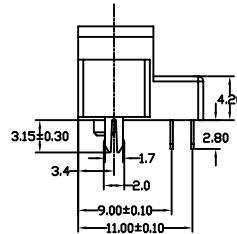
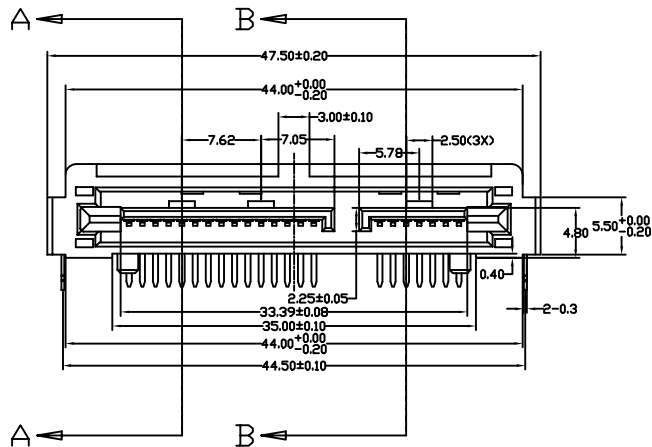
RECOMMENDED PCB LAYOUT
(PCB THICKNESS: 1.6mm OR 2.0mm)

NOTE:

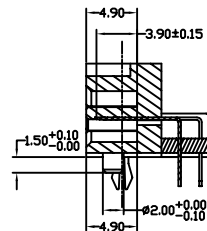
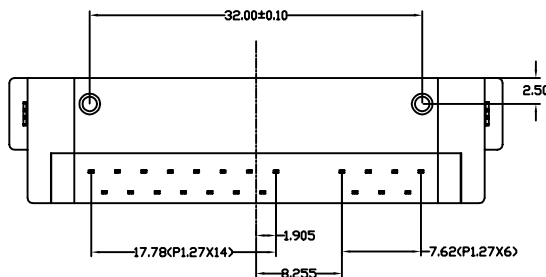
- MATERIAL:**
HOUSING: FR-6145, UL 94 V-0, BLACK;
CONTACTS: COPPER ALLOY T=0.25mm;
CONTACT FINISHED: 1.27-2.54um. NICKEL UNDER PLATED ON ENTIRE CONTACT;
SEE NOTES 4 FOR GOLD PLATING ON MATING AREA;
2.54-5.08um MATTE TIN PLATED ON TAIL AREA;
SOLDER TAB: BRASS, t=0.3mm;
SOLDER TAB FINISHED: 2.54-5.05um 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



SECTION A-A



SECTION B-B

Customer Drawing



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