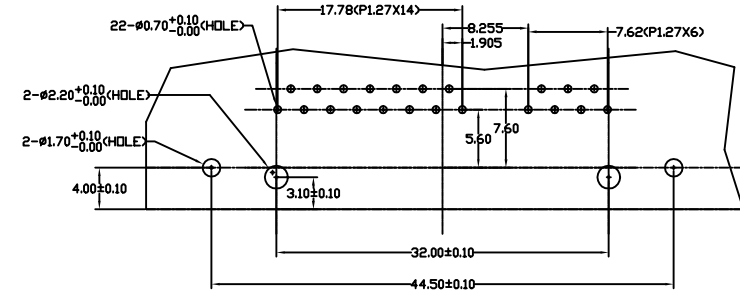
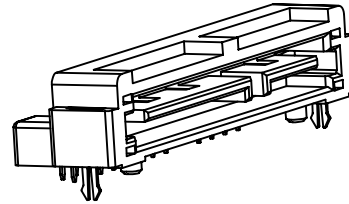
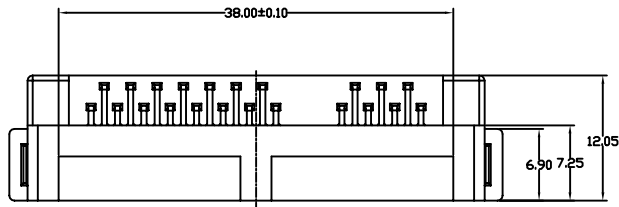


This document is the property of Amphenol Corporation and is delivered on the express condition that it is not to be disclosed, reproduced or used, in whole or in part, for manufacture or sale by anyone other than Amphenol Corporation without the prior consent. It is not to be used to grant or to use any information in this document.

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 LANE WIDTH FROM 1.50 TO 1.70 MODIFY THE SML LENGTH FROM 2.50 TO 2.80	9/15/05	Micheal.IP



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

NOTE:

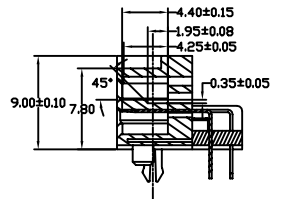
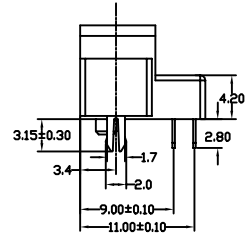
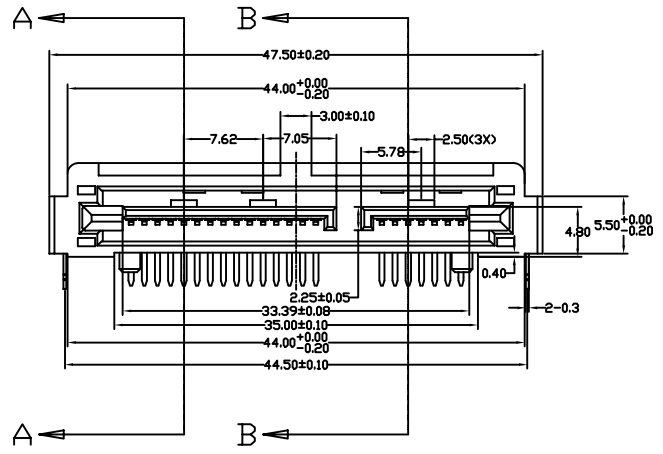
- MATERIAL:**
HOUSING: FR-6145, UL 94 V-0, BLACK;
CONTACTS: COPPER ALLOY T=0.25mm;
CONTACT FINISHED: 1.27-2.54um. NICKEL UNDER PLATED ON ENTIRE CONTACT;
SEE NOTES 4 FOR GOLD PLATING ON MATING AREA;
2.54-5.08um MATTE TIN PLATED ON TAIL AREA;
SOLDER TAB: BRASS, t=0.3mm;
SOLDER TAB FINISHED: 2.54-5.05um 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: 1×10^5 M Ω
TEMPERATURE: -40°C TO +105°C
CONTACT RESISTANCE: 30m Ω MAX
PIN RETENTION FORCE: 10N MIN. TOTAL (2.25 LB)

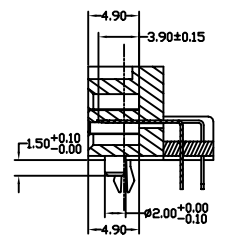
- PACKAGE:** PACKING WITH TRAY.
- ORDERING INFORMATION:**

SATA - 001 - 0221 - X

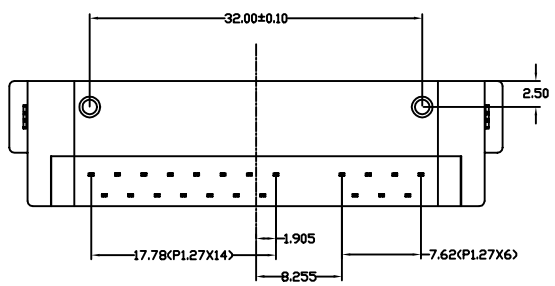
GOLD PLATING ON MATING AREA:
1: 0.76 um MIN.
2: 0.38 um MIN.
3: GOLD FLASH



SECTION A-A



SECTION B-B



Customer Drawing



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