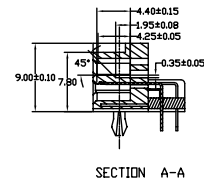
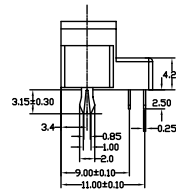
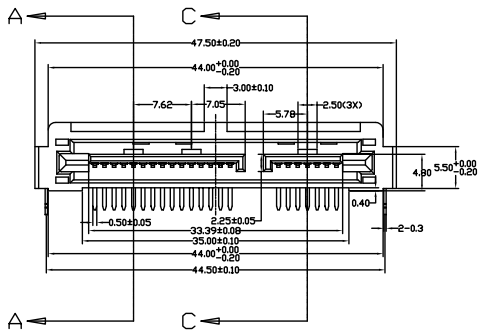
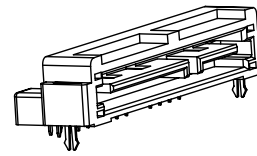
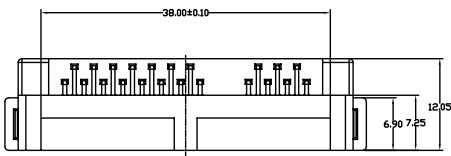
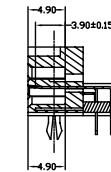
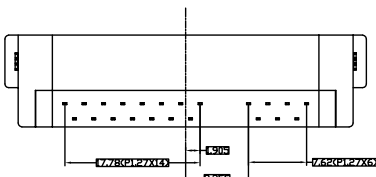


This document is the property of Amphenol Corporation and is delivered on the express condition that it is not to be disclosed, reproduced or used in whole or in part, for manufacture of any part by anyone other than Amphenol Corporation without its prior consent. It shall not be granted in absence or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

REVISIONS				
SYM	ECN	DESCRIPTION	DATE	APPROVED
A	HKXXXX	INITIAL RELEASE	09/02/05	Michael.IP
B	HKXXXX	MODIFY THE BOARDLOCK CONSTRUCTION	10/17/05	Michael.IP



SECTION A-A



SECTION C-C

WITHOUT COVER

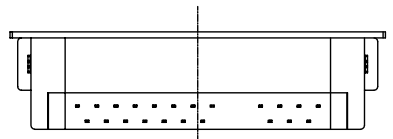
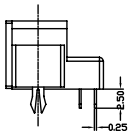
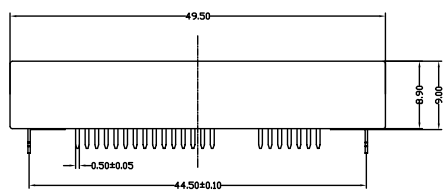
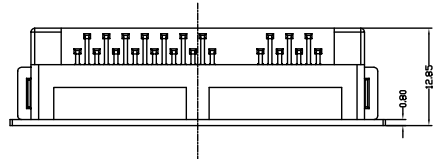
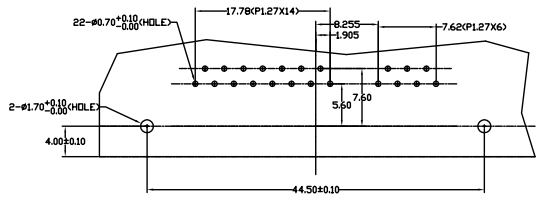
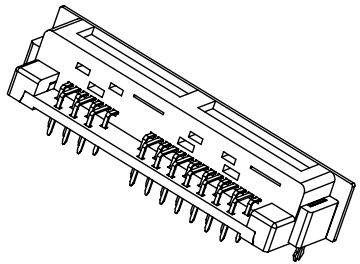
Customer Drawing



UNLESS OTHERWISE SPECIFIED TOLERANCES U.S. METRIC X +/- 0.3 XX +/- 0.16 XXX +/- 0.16 FRACTIONS +/- 0.16 ANGLES +/- 2°	APPROVAL	DATE	Amphenol
	DRAWN: Tom.fang	10/17/05	
FOR MATERIALS AND FINISHES SEE NOTES	CHECKED: Michael.IP	10/17/05	TITLE
REMOVE SHARP EDGES	DRAWING FILE :		15+7PIN SATA PLUG
DIMENSIONS	ANGLE OF PROJECTION		SIZE DRAWING NO.
U.S. INCHES	(FIRST ANGLE)		A3 C SATA-001-0223-X
(METRIC) (MM)			SCALE NONE
			REV. B
			SHEET 1 OF 2

This document is the property of Amphenol Corporation and is delivered in the express confidence that it is not to be disclosed, reproduced or copied, in whole or in part, for reproduction or use by anyone other than Amphenol Corporation without the prior approval of Amphenol. It is granted in absolute or to use any information in this document.

REVISIONS				
SYM	EGH	DESCRIPTION	DATE	APPROVED
A	HKXXXX	INITIAL RELEASE	09/02/05	Micheal.IP
B	HKXXXX	MODIFY THE BOARDLOCK CONSTRUCTION	10/17/05	Micheal.IP



WITH COVER

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: 1x10⁹ MΩ
TEMPERATURE: -40°C TO +105°C
CONTACT RESISTANCE: 30mΩ MAX
PIN RETENTION FORCE: 10N MIN. TOTAL (2.25 LB)
- PACKAGE: PACKING WITH TRAY.
- ORDERING INFORMATION:
SATA - 001 - 0223 - 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 +/- FRACTIONS +/- ANGLES +/- 2° FOR MATERIALS AND FINISHES SEE NOTES	APPROVAL	DATE	Amphenol
	DRAWN: Tom.kang	10/17/05	
REMOVE SHARP EDGES	CHECKED: Micheal.IP	10/17/05	TITLE
DIMENSIONS U.S. INCHES (METRIC) (MM)	DRAWING FILE: \\DRAWING\SATA\C847A01102332.DWG		15+7PIN SATA PLUG
	ANGLE OF PROJECTION		SIZE DRAWING NO.
			A3 C SATA-001-0223-X
			SCALE NONE
			SHEET 2 OF 2
			REV. B