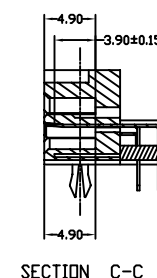
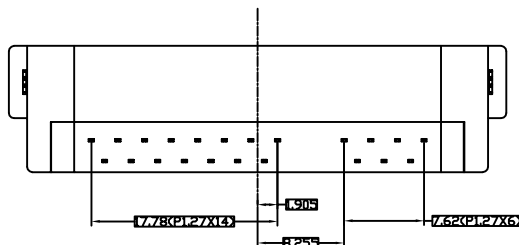
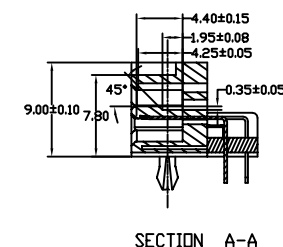
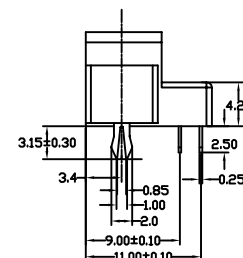
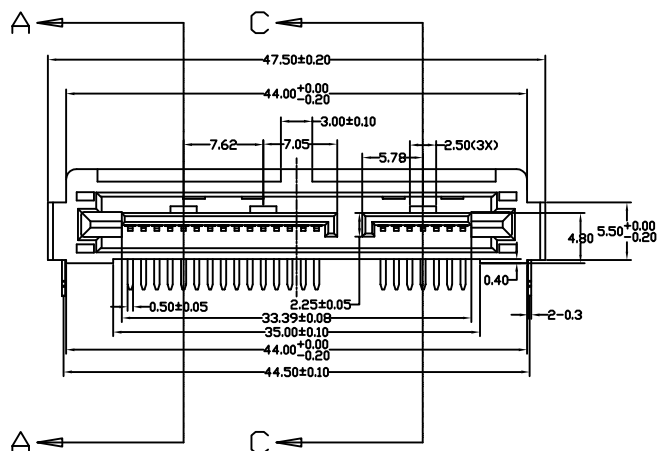
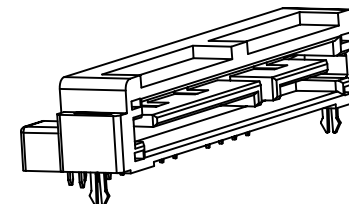
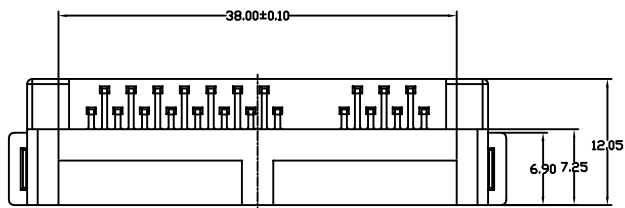


This document is the property of Amphenol Corporation and is delivered on the express condition that it is not to be disclosed, reproduced or used, in whole or in part, for manufacture or sale by anyone other than Amphenol Corporation without its prior consent; it that no right is granted to disclose 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



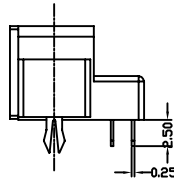
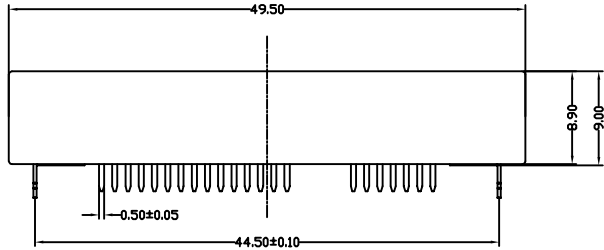
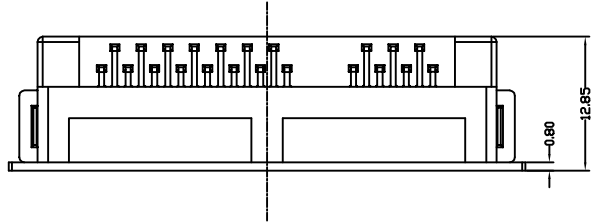
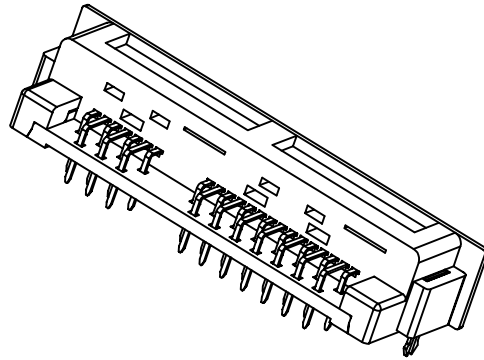
WITHOUT COVER

Customer Drawing

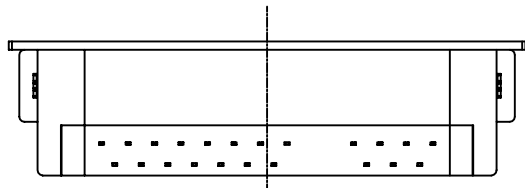


UNLESS OTHERWISE SPECIFIED TOLERANCES		APPROVAL	DATE	Amphenol	
.X	+/-	U.S.	METRIC	DRAWN: Tom.tang	10/17/05
.XX	+/-	0.3	0.15	CHECKED: Michael.IP	10/17/05
.XXX	+/-	0.6	0.3	CHECKED	
FRACTIONS	+/-	1/16	1/32	DRAWING FILE :	TITLE
ANGLES	+/-	1°	2°	\\DRAWING\\SATA\\CSATA0010223X.DWG	15+7PIN SATA PLUG
FOR MATERIALS AND FINISHES SEE NOTES		ANGLE OF PROJECTION		SIZE	DRAWING NO.
REMOVE SHARP EDGES		FIRST ANGLE		A3	C
DIMENSIONS		DRAWING NO.		REV.	
U.S.	INCHES	A3 C		SATA-001-0223-X	
(METRIC)	(MM)	SCALE		NONE	
		SHEET 1		OF 2	

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 its prior consent, and that no right is granted to disclose or to use any information in this document.



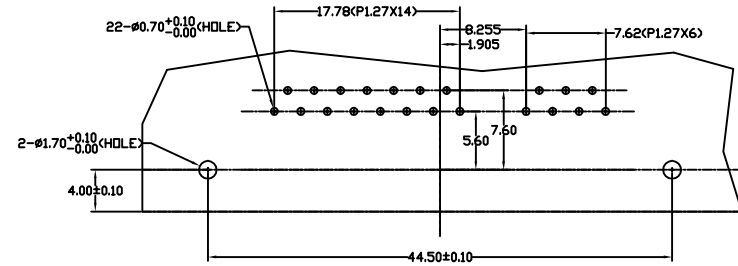
WITH COVER



Customer Drawing



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



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: $1 \times 10^3 \text{ M}\Omega$
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 - 0223 - X

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

UNLESS OTHERWISE SPECIFIED TOLERANCES		APPROVAL	DATE	Amphenol	
	U.S. METRIC	DRAWN: Tom.tang	10/17/05		
.X +/-	0.3	CHECKED: Michael.IP	10/17/05	TITLE 15+7PIN SATA PLUG	
.XX +/-	0.15	CHECKED			
.XXX +/-	0.075	DRAWING FILE :		SIZE DRAWING NO. REV. A3/C SATA-001-0223-X B	
FRACTIONS +/-	1/16	\\DRAWING\SATA\CSATA0010223X.DWG			
ANGLES +/-	2°	ANGLE OF PROJECTION		SCALE NONE SHEET 2 OF 2	
FOR MATERIALS AND FINISHES SEE NOTES					
REMOVE SHARP EDGES					
DIMENSIONS					
U.S. INCHES	METRIC (MM)				
(METRIC)	(MM)				