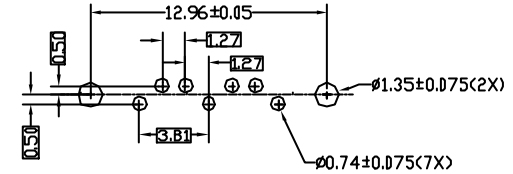
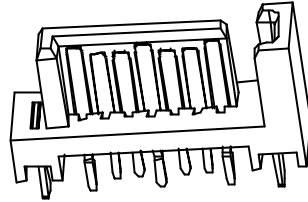
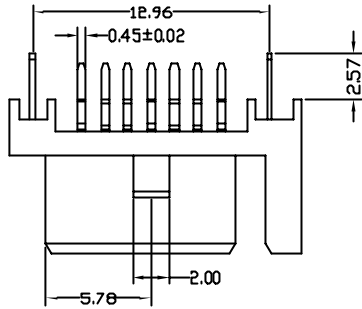


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REVISIONS				
SYM	CON	DESCRIPTION	DATE	APPROVED
A	HK000X	INITIAL RELEASE	4/15/05	Michael IP



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

**NOTE:**

**1. 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=0.25;

**SOLDER TAB FINISHED:** 2.54-5.05um TIN OVER 1.27um MIN. NICKEL;

**2. SPECIFICATIONS:**

**RATED CURRENT:**

SIGNAL PIN 1.5A MIN

POWER PIN 1.5A MIN

**DIELECTRIC STRENGTH:**

1000V FOR 1 MINUTE

**INSULATION RESISTANCE:**

1x10<sup>3</sup> MΩ

**TEMPERATURE:**

-40°C TO +105°C

**CONTACT RESISTANCE:**

30mΩ MAX

**PIN RETENTION FORCE:**

10N MIN. TOTAL (2.25 LB)

**3. PACKAGE: PACKING WITH TRAY.**

**4. ORDERING INFORMATION:**

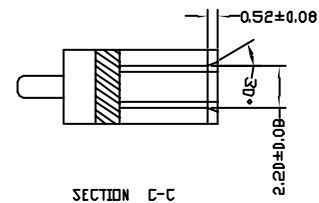
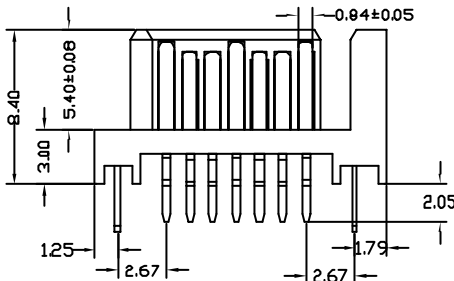
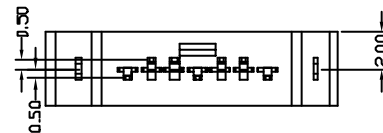
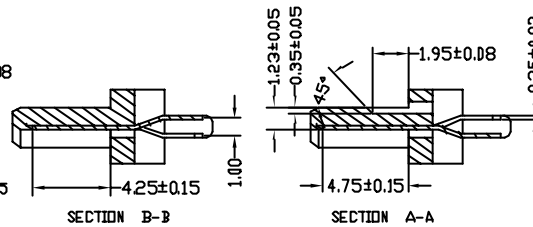
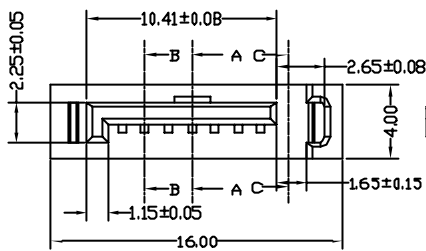
SATA - 011 - 2017 - X

**GOLD PLATING ON MATING AREA:**

1: 0.76 um MIN.

2: 0.38 um MIN.

3: GOLD FLASH



Customer Drawing

UNLESS OTHERWISE SPECIFIED <b>TOLERANCES</b> U.S. METRIC X +/- 0.3 XX +/- 0.15 XXX +/- FRACTIONS +/- ANGLES +/- 2° FOR MATERIALS AND FINISHES SEE NOTES REMOVE SHARP EDGES DIMENSIONS U.S. INCHES (METRIC) (IN)	APPROVAL DRAWN: TomJiang CHECKED: Michael IP	DATE 4/15/05 4/15/05	Amphenol
	DRAWING FILE: \\WINNINGDATA\DATA\DRAWING\2007\2007040		
	ANGLE OF PROJECTION 	SIZE A3C	DRAWING NO. SATA-011-2017-X
		SCALE NONE	REV. A
		SHEET 1 OF 1	