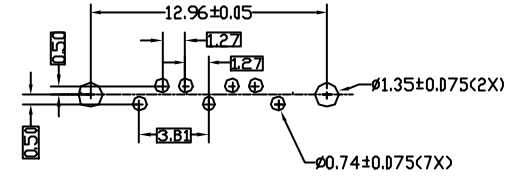
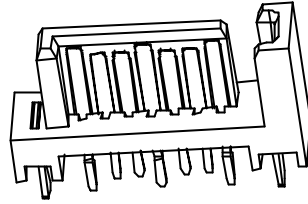
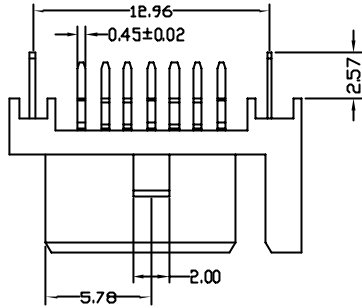


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REVISIONS				
SYM	ECN	DESCRIPTION	DATE	APPROVED
A	HK000X	INITIAL RELEASE	4/15/05	Michael IP



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

**NOTE:**

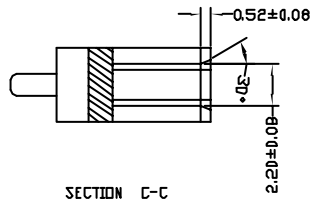
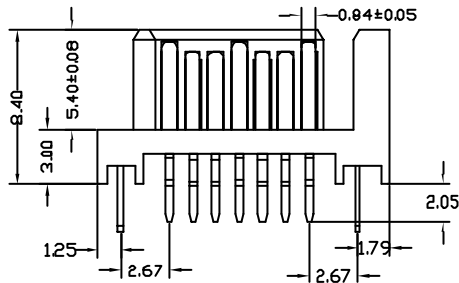
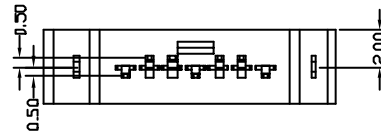
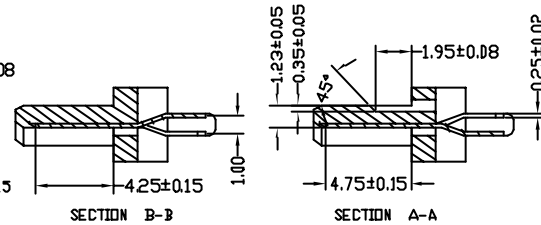
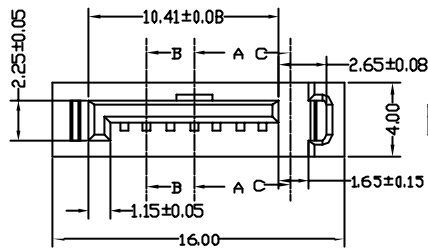
- MATERIAL:**  
HOUSING: FR-6145, UL 94 V-0, BLACK;  
CONTACTS: COPPER ALLOY T=0.25mm;  
CONTACT FINISHED: 1.27-2.54um. NICKEL UNDER PLATED ON ENTIRE CONTACT;  
SEE NOTES 4 FOR GOLD PLATING ON MATING AREA;  
2.54-5.08um MATTE TIN PLATED ON TAIL AREA;  
SOLDER TAB: BRASS, t=0.25;  
SOLDER TAB FINISHED: 2.54-5.05um 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:  $1 \times 10^5$  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 - 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 TOLERANCES		APPROVAL		DATE
U.S.		DRAWN		4/15/05
METRIC		TOM/JMG		
XX	+/-			
XXX	+/-			
XXX	+/-			
FRACTIONS	+/-			
ANGLES	+/-			
SEE NOTES		CHECKED		
FOR MATERIALS AND FINISHES REMOVE SHARP EDGES		DRAWING FILE		
DIMENSIONS		UNIVERSAL DATA CENTER 11/2017/2005		
U.S.		ANGLE OF PROJECTION		
METRIC		FIRST ANGLE		
(METRIC)		(FIRST ANGLE)		
TITLE			Amphenol SATA 7 PINS	
SIZE	DRAWING NO.	REV.		
A3C	SATA-011-2017-X	A		
SCALE	NONE	SHEET 1 OF 1		

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