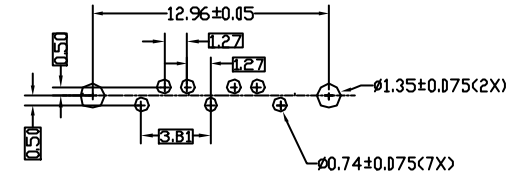
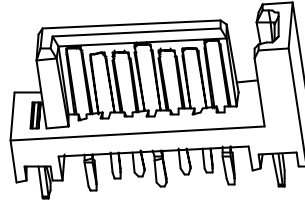
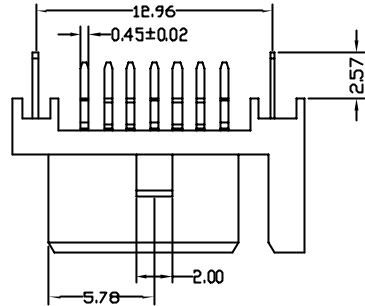


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REVISIONS				
SYN	ECN	DESCRIPTION	DATE	APPROVED
A	HK000X	INITIAL RELEASE	4/15/05	Michael IP



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;

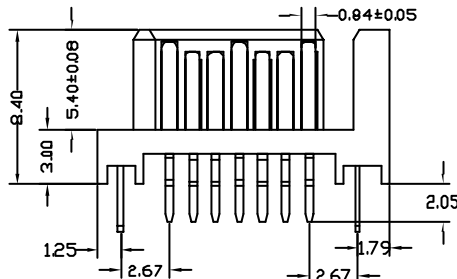
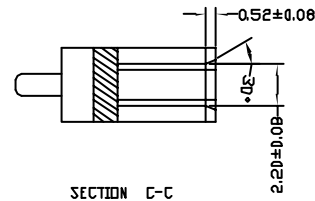
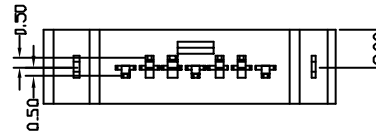
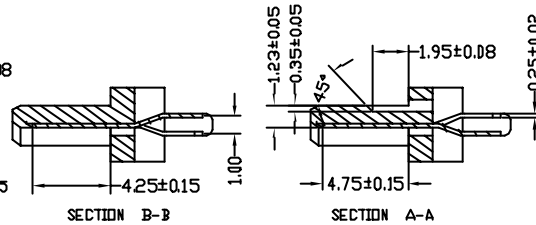
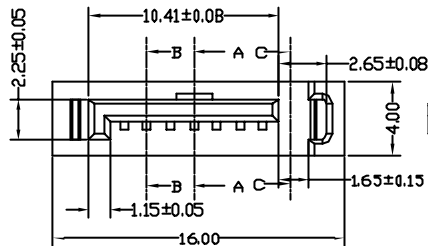
- SPECIFICATIONS:**
RATED CURRENT: SIGNAL PIN 1.5A MIN
POWER PIN 1.5A MIN
DIELECTRIC STRENGTH: 1000V FOR 1 MINUTE
INSULATION RESISTANCE: 1×10^5 M Ω
TEMPERATURE: -40°C TO +105°C
CONTACT RESISTANCE: 30m Ω MAX
PIN RETENTION FORCE: 10N MIN. TOTAL (2.25 LB)

- PACKAGE: PACKING WITH TRAY.**

- ORDERING INFORMATION:**

SATA - 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		APPROVAL		DATE
TOLERANCES		DRAWN	Tom.feng	4/15/05
U.S.	METRIC	CHECKED	Michael IP	4/15/05
X +/-	0.3	CHECKED		
XX +/-	0.15			
XXX +/-	0.075			
FRACTIONS	1/2			
ANGLES	°			
FOR MATERIALS AND FINISHES		DRAWING FILE: \DRAWING\DATA\DRAWING\2017\05\05		
REMOVE SHARP EDGES		ANGLE OF PROJECTION		
DIMENSIONS		TITLE		
U.S.	METRIC	SATA 7 PINS		
(INCHES)	(MM)	SIZE DRAWING NO.		
		A3C SATA-011-2017-X		
		SCALE NONE		
		SHEET 1 OF 1		