



Excellent Integrated System Limited

Stocking Distributor

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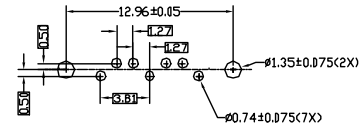
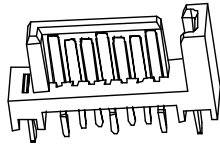
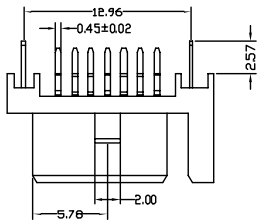
[SATA01120172](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

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

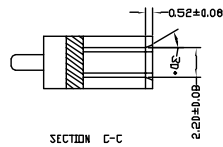
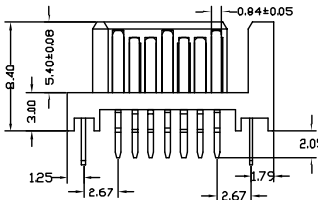
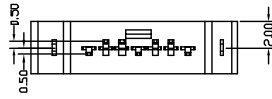
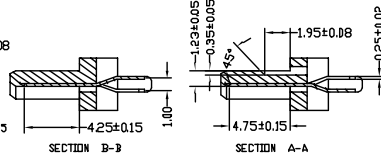
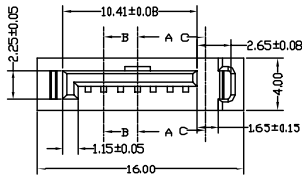


RECOMMENDED PCB LAYOUT
(PCB THICKNESS 1.6mm OR 2.0mm)

NOTE:

- 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: 1x10⁵ M.Ω
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 U.S. METRIC X +/- D.3 XX +/- 0.15 STRUCTURE ANGLES +/- Z	APPROVAL	DATE	Amphenol
	SEARCH: Tom Aring	4/15/05	
REMOVE SHARP EDGES	CHECKED: Michael IP	4/15/05	TITLE
DIMENSIONS	DRAWING FILE 1		SATA 7 PINS
(U.S. (METRIC))	ANGLE OF PROJECTION		SIZE DRAWING NO. A3C SATA-011-2017-X
			SCALE NONE SHEET 1 OF 1