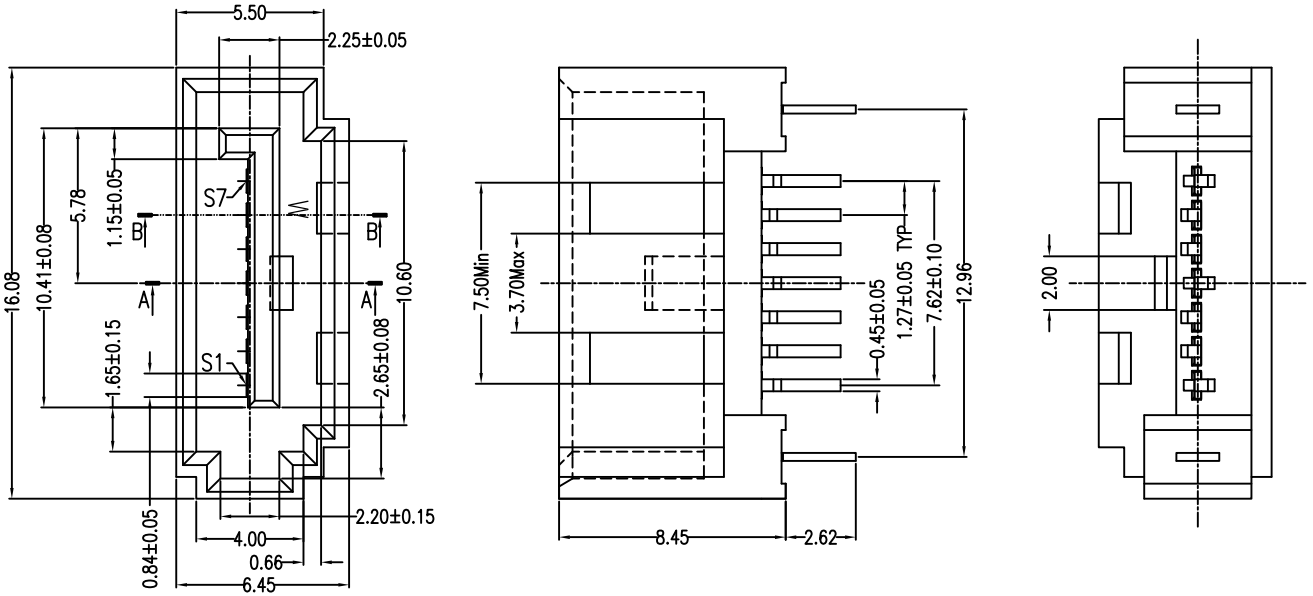
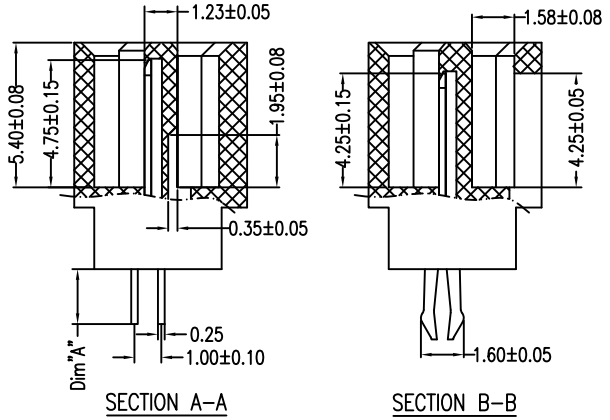
REV.	DESCRIPTION	DATE
A	Released	09/05/03
L	Modify the Dimension	12/29/10
M	Add The Pin Signal	12/13-'11

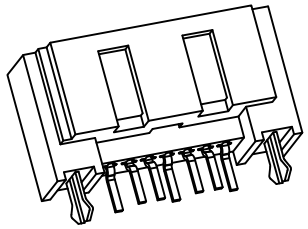


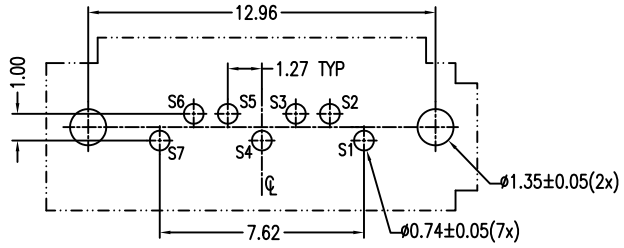


Unit:mm

Part Number	Dim'A'
HSAT-M07-VFD-00	2.10~2.25
HSAT-M07-VFD-01	3.30

PIN	SIGNAL NAME
S1	GND
S2	A+
S3	A-
S4	GND
S5	B-
S6	B+
S7	GND





P.C.B Layout(T=1.60mm)
COMPONENT SIDE

NOTES:

*Material
Housing: Nylon46+30%G.F, UL 94V-0 rated.
Contact: Brass;
Plating: Au plating on contact area,
Sn (100u" Min.) plating on solder tail,
Ni (40u" Min.) underplating overall.
Harpoon: Brass;
Plating: Sn (100u" Min.) plating on solder tail,
Ni (40u" Min.) underplating overall.

*Mechanical
Insertion Force: 45N Max.
Withdrawal Force: 10N Min.
Durability: 500 Cycles.

*Electrical Specification
Current Rating: 1.5 Ampere Per Contact;
Contact Resistance: 30mΩ Max.
Insulation Resistance: 1000MΩ Min.
Dielectric Withstanding Voltage: 500V AC.

*Environmental
Operating Temperature: -55°C to +85°C

*How to order
HSAT-M07-VFD-00
- Blank:Black W:White B:Blue(286U) Y:Yellow(1235C); R:Red(187C); G:Green(339C)
- 0:Straight A Type DIP(Length Pin 2.10~2.25mm) 1:Straight A Type DIP(Length Pin 3.30mm)
- Au F:Flash 5:15u" 3:30u"
- NO. of Contacts
- Serial ATA for Mother

Units	mm	Scale	
Tolerance Unless Otherwise Specified			
.X	≀	±0.38	
.XX	≀	±0.25	
.XXX	≀	±0.20	
Angle	≀	± 3°	

Drawing By	Peter	Data 12/13/11
Reviewed By	Sharon	Data 12/15/11
Approval By	Jason	Data 12/16/11

IF TECHNOLOGY, INC.
TEL: 886-3-5511680 FAX: 886-3-5511605

Date	12/13-'11
Sheet	1 of 1
Third Angle Projection	
Title	SATA 7P Shield Double Hole DIP A Type (Male)
Drawing No.	HSAT-M07-VFD-00
REV	M