

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

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**

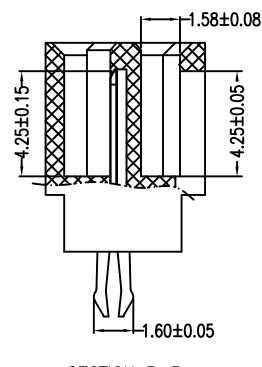
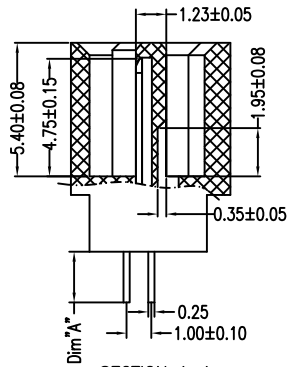
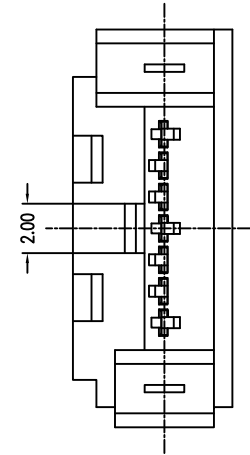
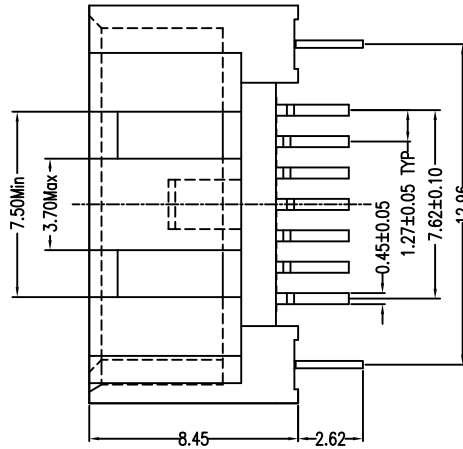
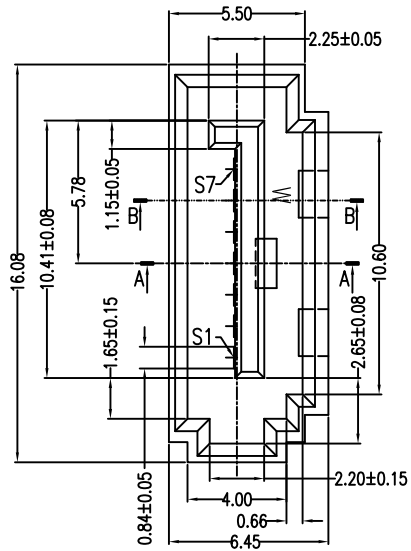
Current Rating: 1.5 Ampere Per Contact;
 Contact Resistance: 30mΩ Max.
 Insulation Resistance: 1000MΩ Min.
 Dielectric Withstanding Voltage: 500V AC.

***Environmental**

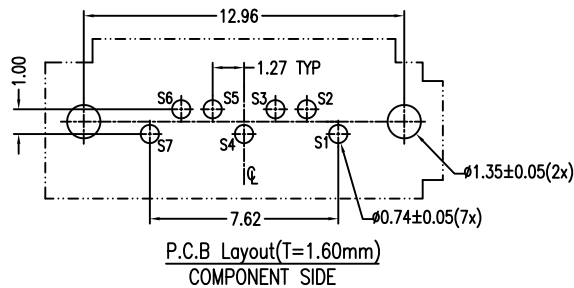
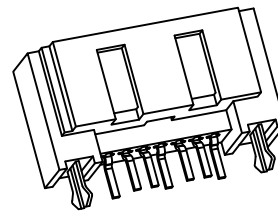
Operating Temperature: -55°C to +85°C

***How to order**

2SAT-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



Part Number	Dim 'A'	Unit:mm	PIN	SIGNAL NAME
2SAT-M07-VFD-00	2.10~2.25		S1	GND
			S2	A+
			S3	A-
2SAT-M07-VFD-01	3.30		S4	GND
			S5	B-
			S6	B+
			S7	GND



Tolerance Unless Otherwise Specified	
.X	~ ±0.38
.XX	~ ±0.25
.XXX	~ ±0.20
Angle	~ ± 3°

Singatron Enterprise Co., Ltd.			
TITLE	SATA 7P Shield Double Hole DIP A Type (Male)		
DWN	Peter 12/13/11	PART NO.	2SAT-M07-VFD-0_
CHKD	Sharon 12/15/11	SCALE	1:1 UNIT: mm
APVD	Jason 12/16/11	SIZE: A3	SHEET: 1 OF 1 REV: M
CUSTOMER COPY			