

REV.	ECN.NO.	DATE
A	RELEASED	02/06/03
B	Revise P/N	01/14/04
C	1.Update The Plating Spec. 2.Update The Contact Resistance	02/11-'12

**NOTES**

**\*Material**

Housing: LCP, UL 94V-0 Rated; Color: Black.  
 Stopper: LCP, UL 94V-0 Rated.  
 Contact: Phosphor Bronze  
 Plating: Au Plating On Contact Area;  
 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**

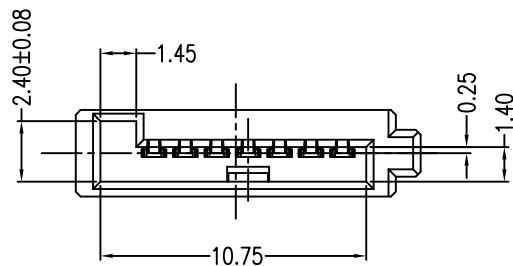
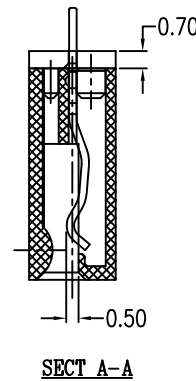
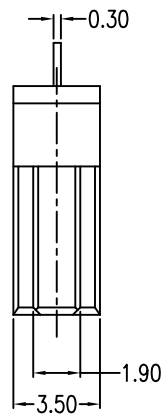
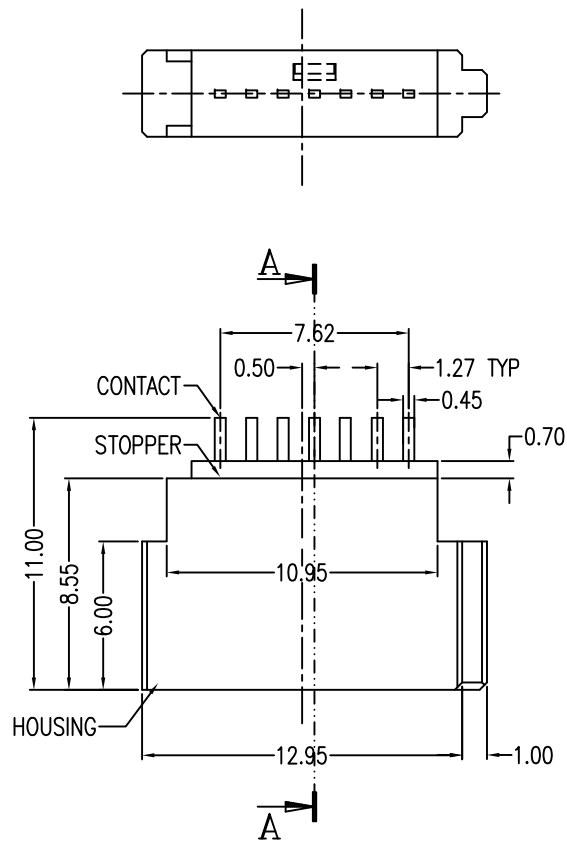
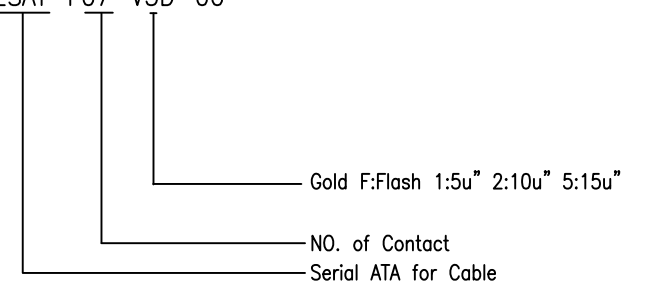
Operation Voltage: 100V AC Max.  
 Current Rating: 1.5 Ampere Per Contact.  
 Contact Resistance: 30mΩ Max.  
 Insulation Resistance: 1000MΩ Min.  
 Dielectric Withstanding Voltage: 500V AC

**\*Environmental**

Operating Temperature: -55°C to +125°C

**\*How to Order**

2SAT-F07-V5D-00



REV Update The Drawing For The New Configuration.									
Units	MM	Scale	Drawing By		Data		SINGATRON U.S.A.		
Tolerance Unless Otherwise Specified			Sharon		02/11/12				
.X ~ ±0.38			Reviewed By		Data		Date	02/11-'12	Title
.XX ~ ±0.25			Jason		02/11/12		Sheet	1 of 1	SATA 7p,Female,DIP (Without Relief Platform)
.XXX ~ ±0.20			Approval By		Data		Third Angle Projection	Drawing No.	2SAT-F07-VxD-00
Angle ~ ± 3°			Jason		02/11/12		F/Name		REV
									C