

Pin Number	Signal Name
S1	GND
S2	RX+
S3	RX-
S4	GND
S5	TX-
S6	TX+
S7	GND

Pin Number	Power Line Designation
P1	+3.3V
P2	+3.3V
P3	GND
P4	GND
P5	+5.5V
P6	+5.5V
P7	DAS/DSS
P8	Optional
P9	Optional

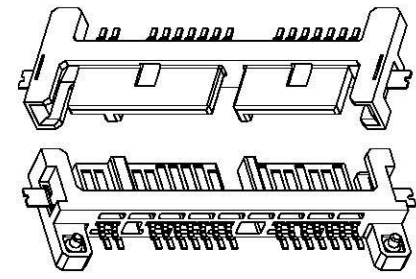
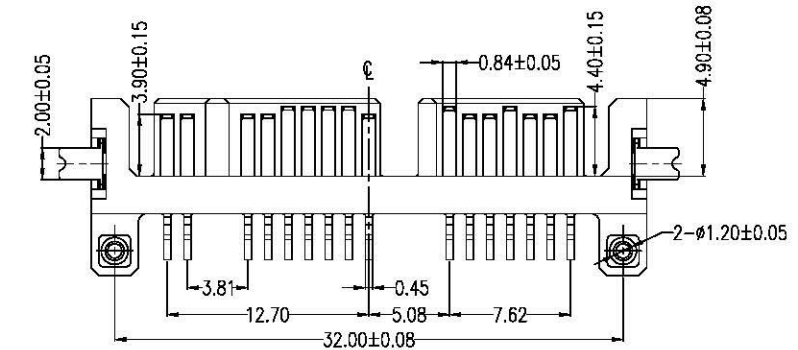
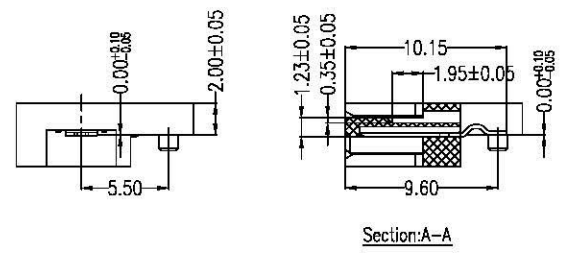
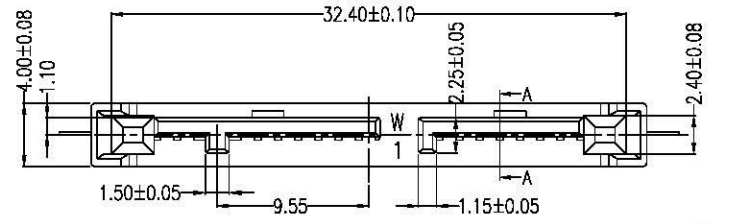
NOTES:

- Material:**
 Housing: LCP+50%G.F, UL 94V-0 Rated.
 Color: Black.
 Contact: Brass.
 Plating: Gold Plating over Nickel on Contact Area.
 Tin Plating on Solder Tail.
 Harpoon: Brass.
 Plating: Tin Plating over Nickel.

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

- Electrical Specification:**
 Operation Voltage: 100VAC Max.
 Current Rating: 1.5 Ampere per Contact.
 Contact Resistance: 30mΩ Max.
 Insulation Resistance: 1000MΩ Min.
 Dielectric Withstanding Voltage: 500 VAC.

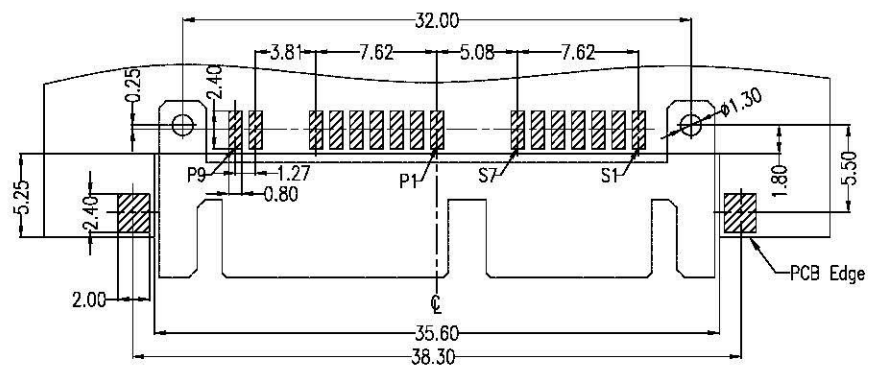
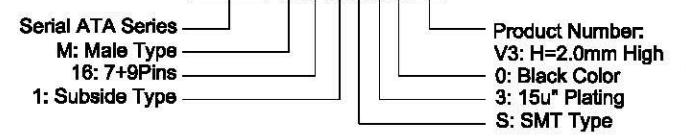
- Environmental:**
 Operating Temperature: -55°C to +85°C



Product 3D

Part Number:

CSAT-M161S30-V3



PCB LAYOUT (T=0.85)
Top View

A	08/31/08	RELEASED FOR PRODUCTION		DESCRIPTION	
REV	DATE				
UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN MM. TOLERANCES ARE:		CAD GENERATED DRAWING, DO NOT MANUALLY UPDATE			
DECIMALS	ANGLES	APPROVALS	DATE		
.X ± .38	± 3°	DRAWN	08/31/08	TEL: 0049 711 3094503	Fax: 0049 711 3094504
.XX ± .25		CHECKED	08/31/08	70794 Filberstadt - Germany	Kulberrmann, 25
.XXX ± .20		APPV	08/31/08	DESCRIPTION Micro SATA 7+9P, Male, Subside Type, SMT, 15u" Plating, H=2.0mm High	
DO NOT SCALE DRAWING		SHEET	SCALE	DWG. NO.	REV.
		1 OF 1	NONE	CSAT-M16-V03	A