

Signal Segment	
Name	Type
S1	GND
S2	A+
S3	A-
S4	GND
S5	B-
S6	B+
S7	GND

Power Segment	
Name	Type
P1	V33
P2	V33
P3	V33
P4	GND
P5	GND
P6	GND
P7	V5
P8	V5
P9	V5
P10	GND
P11	DAS/DSS
P12	GND
P13	V12
P14	V12
P15	V12

NOTES:

1. Material:

Housing: LCP+50%G.F, UL 94V-0 rated.
 Color: Black.
 Contact: Brass.
 Plating: Gold plating over Nickel(40~80u") on contact area;
 Tin plating(100u") on solder tail;
 Ni (40u") underplating overall.

2. Mechanical:

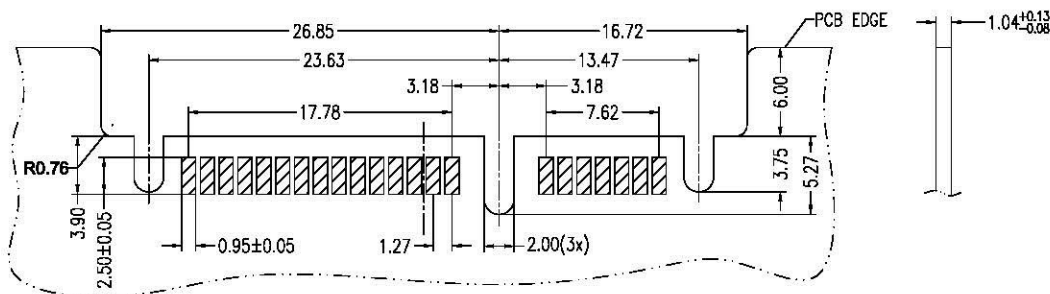
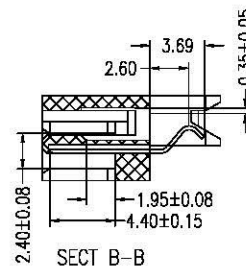
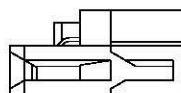
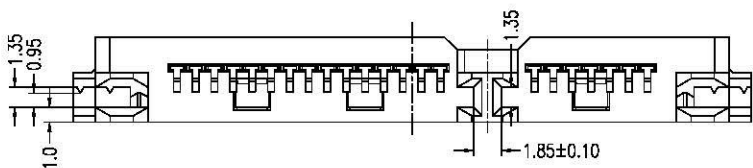
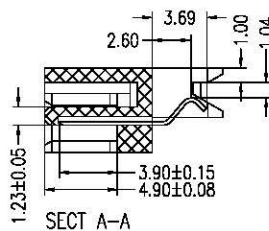
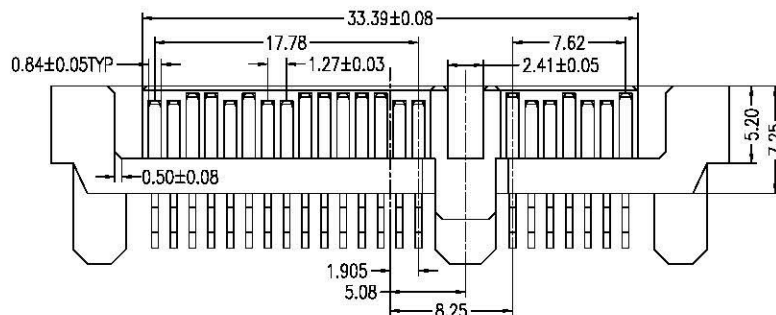
Insertion Force: 45N max.
 Withdrawal Force: 10N min.
 Durability: 500 cycles

3. Electrical Specification:

Current Rating: 1.5 Ampere per contact;
 Contact Resistance: 30mΩ max.
 Insulation Resistance: 1000MΩ min.
 Dielectric Withstanding Voltage: 500 V AC.

4. Environmental:

Operating Temperature: -55°C to +85°C

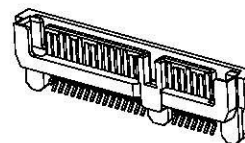


**P.C.B. LAYOUT
COMPONENT SIDE**

Part Number:

CSAT-M22SS30-HC

Serial ATA Series
 M: Male Type
 22: 7+15Pins
 S: Straddle Type
 HC: 1.0mm PCB
 0: Black Color
 3: 15u" Plating
 S: SMT Type



A		01/11/11		RELEASED FOR PRODUCTION	
REV	DATE	DESCRIPTION			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM TOLERANCES ARE:		CAD GENERATED DRAWING, DO NOT MANUALLY UPDATE			
DECIMALS ANGLES		APPROVALS		DATE	
X ± .38	± 3°	DRAWN	Chris	01/11/11	<p>www.allconnectors.de Tel: 0049 711 7009503 70704 Gilderstadt - Germany info@allconnectors.de Fax: 0049 711 7009504 Kettamerstr. 25</p>
.XX ± .25		CHECKED	Chdy	01/11/11	
.XXX ± .20		APPV	Jason	01/11/11	
DO NOT SCALE DRAWING		SHEET	1 OF 1	SCALE	NONE
		DWG. NO.	CSAT-M22-0HC		REV. A