

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, 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.

2. Mechanical:

Insertion Force: 45N max.

Withdrawal Force: 10N min.

Durability: 500 cycles

3. Electrical Specification:

Current Rating: 1.5 Ampere per contact.

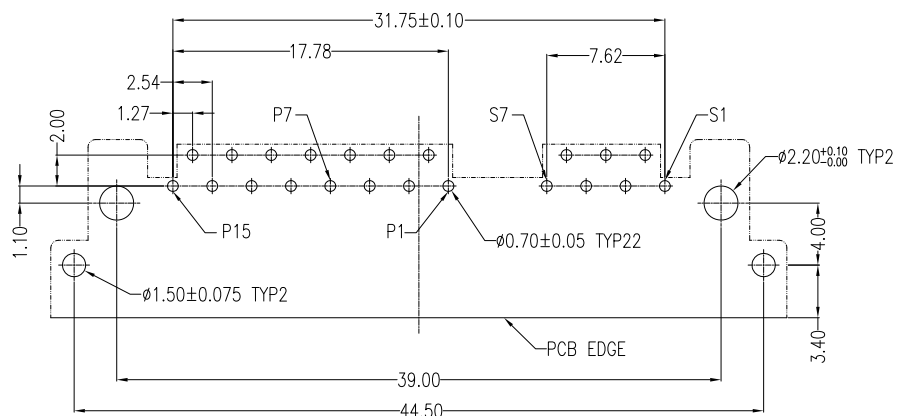
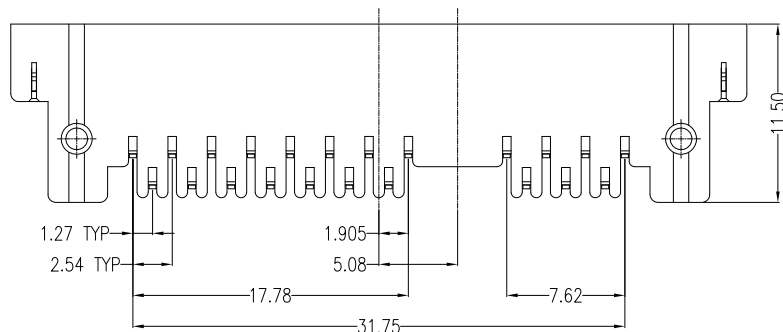
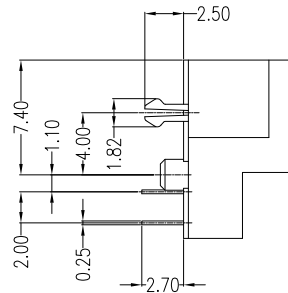
Contact Resistance: 30 Milliohms max.

Insulation Resistance: 1000 megohms min.

Dielectric Withstanding Voltage: 500 V AC.

4. Environmental:

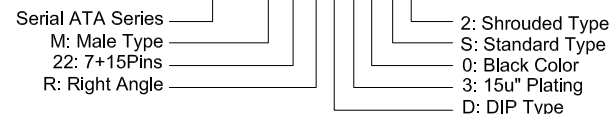
Operating Temperature: -55°C to +85°C



P C B Layout Top View

Part Number:

CSAT-M22RD30-S2



A	11/19/08	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	11/19/08
.XX ± .25		CHECKED	11/19/08
.XXX ± .20		APPV	11/09/08
DO NOT SCALE DRAWING		SHEET	SCALE
		1 OF 1	NONE
		DWG. NO.	REV.
		CSAT-M22-0C2	A



Serial ATA 7+15P, Male, Right Angle Standard, DIP, 2 Rows, with Shrouded