

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

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

NOTES:

1. Material:

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

2. Mechanical:

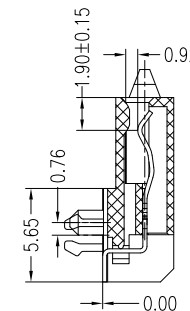
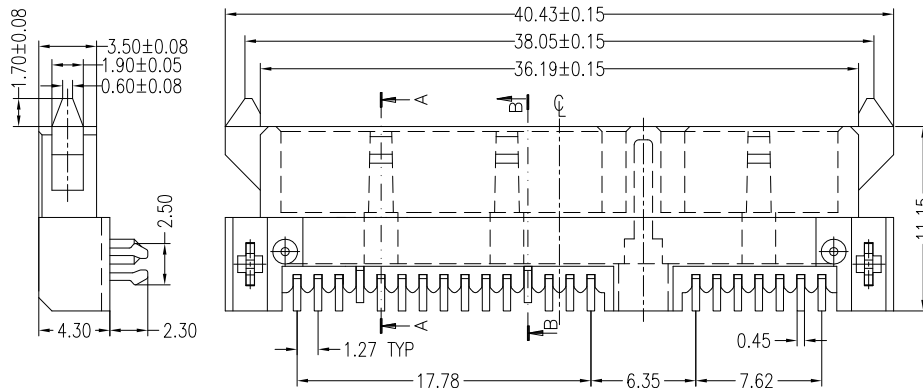
Insertion Force: 45N Max.
Withdrawal Force: 10N Min.
Durability: 500 Cycles

3. Electrical Specification:

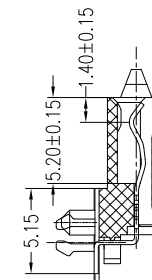
Operation Voltage: 100VAC Max.
Current Rating: 1.5 Ampere per Contact.
Contact Resistance: 30mΩ Max.
Insulation Resistance: 1000MΩ Min.
Dielectric Withstanding Voltage: 500 VAC.

4. Environmental:

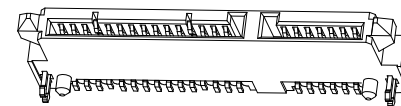
Operating Temperature: -55°C to +85°C



SECT A-A



SECT B-B



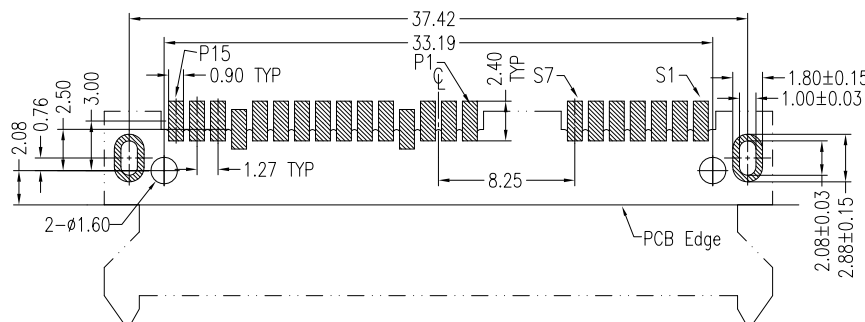
Product 3D

Part Number:

CSAT-F22RS30-R2

Serial ATA Series
F: Female Type
22: 7+15Pins
R: Right Angle

2: H=4.3mm High
R: Reverse Type
0: Black Color
3: 15u" Plating
S: SMT Type



P.C.B LAYOUT (T=1.6)
TOP VIEW

A	11/19/07	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	11/19/07
.XX ± .25		CHECKED Cindy	11/19/07
.XXX ± .20		APPV Jason	11/19/07
DO NOT SCALE DRAWING		SHEET 1 OF 1	SCALE NONE
		DWG. NO.	CSAT-F22-B0D
		REV.	A



凱聯科技股份有限公司
Conn-Link Technology Inc.

Serial ATA 7+15P Female, Right Angle
Reverse Type, SMT, H:4.3mm