

Pin Number	Signal Name	Pin Number	Power Line Designation
S1	GND	P1	DP
S2	A+	P2	+5V
S3	A-	P3	+5V
S4	GND	P4	MD
S5	B-	P5	GND
S6	B+	P6	GND
S7	GND		

**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.  
 Screw: Zn Plating over Fe.

**2. Mechanical:**

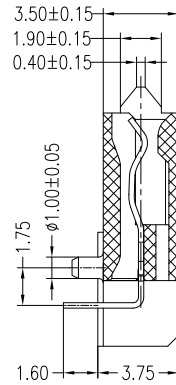
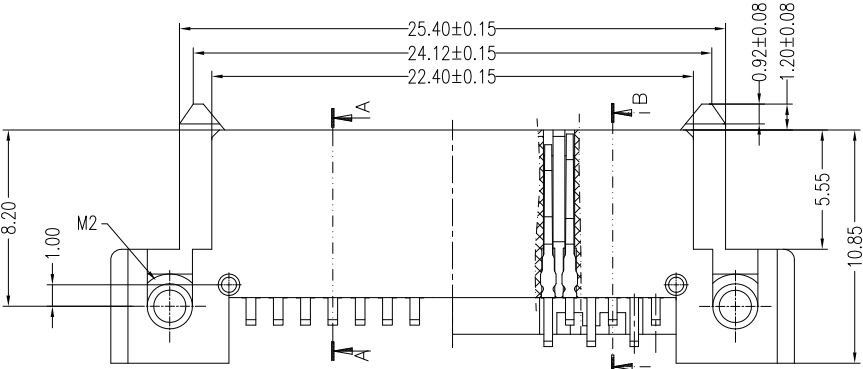
Insertion Force: 45N Max.  
 Withdrawal Force: 10N Min.  
 Durability: 500 Cycles

**3. Electrical Specification:**

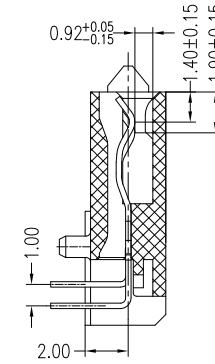
Operation Voltage: 100VAC Max.  
 Current Rating: 1.5 Ampere per Contact.  
 Contact Resistance: 30mΩ Max.  
 Insulation Resistance: 1000MΩ Min.  
 Dielectric Withstanding Voltage: 500 VAC.

**4. Environmental:**

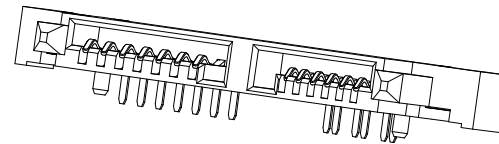
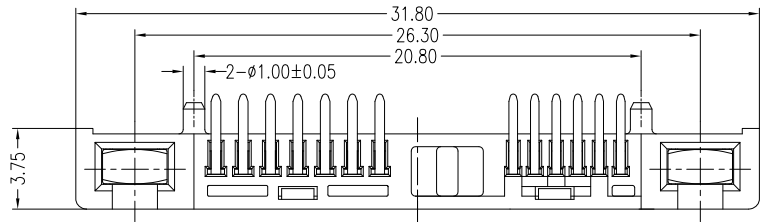
Operating Temperature: -55°C to +85°C



SEC A-A



SEC B-B



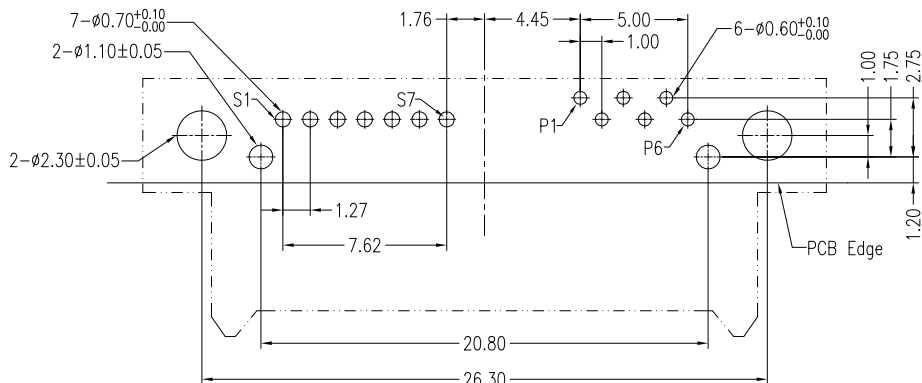
3D View

**Part Number:**


**CSAT-F13RD30-G2**

Serial ATA Series  
 F: Female Type  
 13: 7+6Pins  
 R: Right Angle

Product Number:  
 G2: Standard Type, H: 3.75mm  
 0: Black Color  
 3: 15u" Plating  
 D: DIP Type



P.C.B Layout  
 Top View (T=1.20)

A	12/24/08	RELEASED FOR PRODUCTION		DESCRIPTION				
REV	DATE	DESCRIPTION						
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM TOLERANCES ARE:		 <b>凱聯科技股份有限公司</b> <b>Conn-Link Technology Inc.</b>						
DECIMALS	ANGLES					APPROVALS	DATE	
.X ± .38	± 3°					DRAWN	Chris	12/24/08
.XX ± .25						CHECKED	Cindy	12/24/08
.XXX ± .20		APPV	Jason	12/24/08	DESCRIPTION			
DO NOT SCALE DRAWING		SHEET 1 OF 1		SCALE NONE	DWG. NO. CSAT-F13-G02			

**Slim Line SATA 7+6P Female, Right Angle Standard Type, DIP, H:3.75mm, W/Screw**

REV. A