

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.
 Harpoon: Brass.
 Plating: Tin Plating over Nickel.

2. Mechanical:

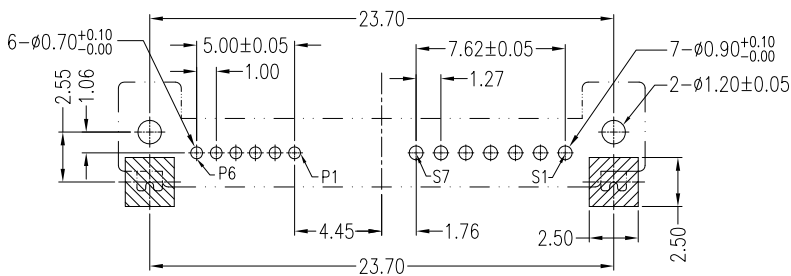
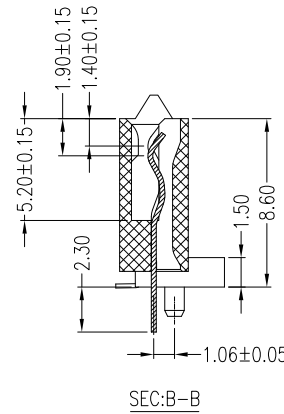
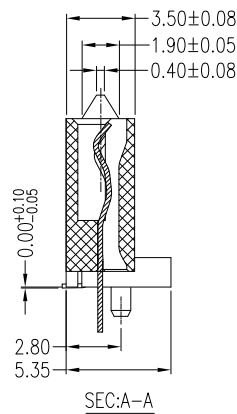
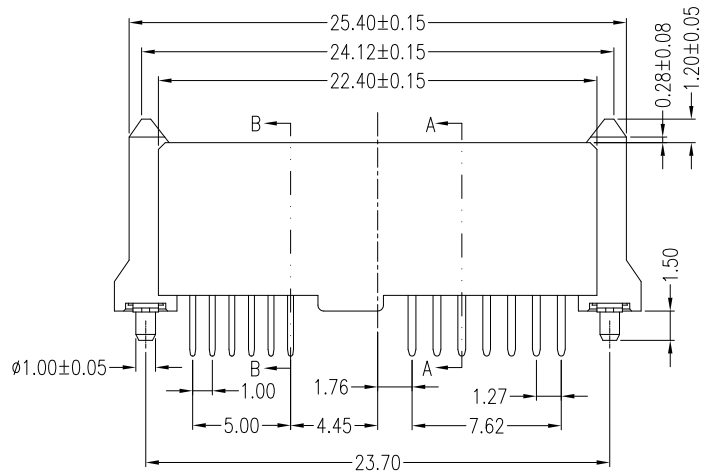
Insertion Force: 45N Max.
 Withdrawal Force: 10N Min.
 Durability: 500 Cycles

3. Electrical Specification:

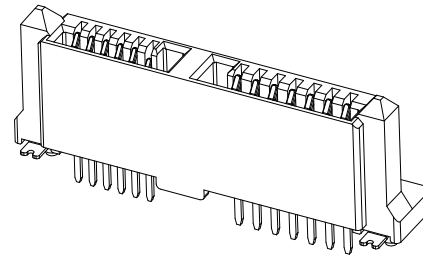
Operation Voltage: 100VAC Max.
 Current Rating: 1.5 Ampere per Contact.
 Contact Resistance: 30mΩ Max.
 Insulation Resistance: 1000MΩ Min.
 Dielectric Withstanding Voltage: 500 VAC.

4. Environmental:

Operating Temperature: -55°C to +85°C



RECOMMENDED PCB LAYOUT T=1.60mm
 (Tol±0.05)



Part Number:

CSAT-F13VD30-N1

Serial ATA Series	Product Number:
F: Female Type	N1: With Post, H:9.8mm
13: 7+6Pins	0: Black Color
V: Vertical Type	3: 15u" Plating
	D: DIP Type

A	04/07/10	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 04/07/10
.XX ± .25		CHECKED	Cindy 04/07/10
.XXX ± .20		APPV	Jason 04/07/10
DO NOT SCALE DRAWING	SHEET 1 OF 1	SCALE NONE	DWG. NO. CSAT-F13-N01
		DESCRIPTION 凱聯科技股份有限公司 Conn-Link Technology Inc. Slim Line SATA 7+6P Female, Vertical DIP Type, H:9.8mm, With Post	
		REV. A	