

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

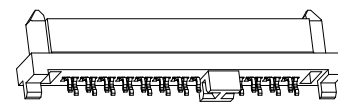
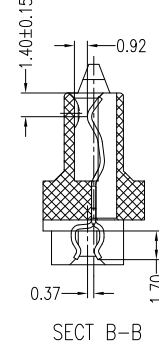
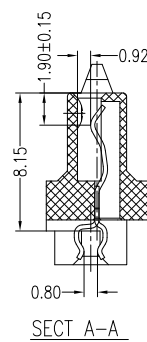
**NOTES:**

- 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.

- Mechanical:**  
Insertion Force: 45N Max.  
Withdrawal Force: 10N Min.  
Durability: 500 cycles

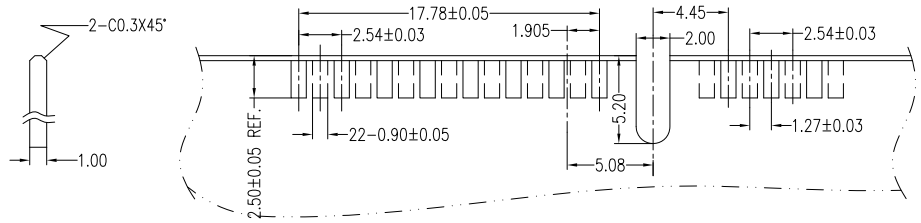
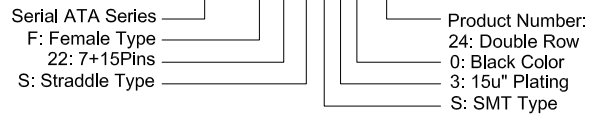
- Electrical Specification:**  
Operation Voltage: 100VAC Max.  
Current Rating: 1.5 Ampere per Contact.  
Contact Resistance: 30mΩ Max.  
Insulation Resistance: 1000MΩ Min.  
Dielectric Withstanding Voltage: 500 VAC.

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



Part Number:

**CSAT-F22SS30-24**



RECOMMENDED P.C.B LAYOUT  
TOLERANCE ±0.05mm  
TOP VIEW

A	05/06/09	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	05/06/09
.XX ± .25		CHECKED Cindy	05/06/09
.XXX ± .20		APPV Jason	05/06/09
DO NOT SCALE DRAWING	SHEET 1 OF 1	SCALE NONE	DWG. NO. CSAT-F22-RS4
			REV. A



Serial ATA 7+15P, Female, Straddle Type  
SMT, H=9.85mm, Double Row