

| 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 |

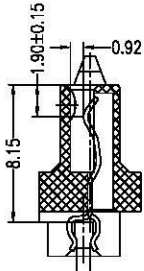
NOTES:

- 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.

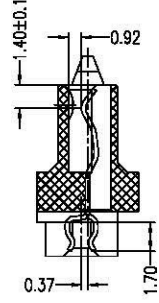
- Mechanical:**
Insertion Force: 45N Max.
Withdrawal Force: 10N Min.
Durability: 500 cycles

- 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.

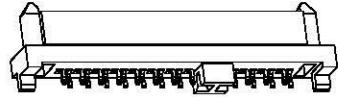
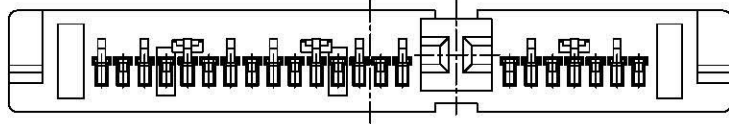
- Environmental:**
Operating Temperature: -55°C to +85°C



SECT A-A

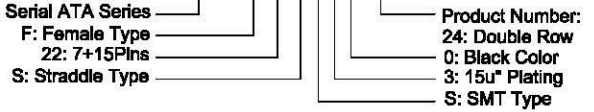


SECT B-B



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: | | | | | | | |
| DECIMALS | | ANGLES | | | | | |
| 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 | |