

5. SPECIFICATIONS:

MECHANICAL

- UNMATING FORCE : 15g MIN. PER CONTACT
- DURABILITY: 500 CYCLES MINIMUM
- CONTACT MATERIAL: BRASS
- INSULATOR MATERIAL: HIGH TEMPERATURE THERMOPLASTIC BLACK, UL94V-0
- CLIP MATERIAL : BRASS
- CONTACT PLATING: SEE ORDERING NOMENCLATURE
- CLIP PLATING : 0.0038 [150µin] TIN OVER 0.0013 [50µin] NICKEL

ENVIRONMENTAL

- OPERATION TEMPERATURE RANGE : -40°C TO 105°C

ELECTRICAL

- VOLTAGE RATING : 30V DC MAX.
  - DIELECTRIC WITHSTANDING VOLTAGE : 500V DC FOR 1 MIN
  - INSULATOR RESISTANCE : >1000 MEGOHMS @ 250 Vrms
  - CONTACT RESISTANCE : <35 MILLIOHMS <15 MILLIOHMS CHANGE AFTER INITIAL CYCLE
- CURRENT RATING : 2 AMPS

4. I. R. OR VAPOR PHASE SOLDERING COMPATIBLE

3. RECOMMENDED PCB THICKNESS 1.45 - 1.70 [0.057-.067]

2. MEETS PERFORMANCE REQUIREMENTS OF THE SERIAL ATA2 SPECIFICATION.

1. MEETS THE REQUIREMENTS OF DIRECTIVE 2002/95/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL OF 27 JANUARY 2003 ON THE RESTRICTION OF THE USE OF CERTAIN HAZARDOUS SUBSTANCES IN ELECTRICAL AND ELECTRONIC EQUIPMENT (RoHS).

NOTES : UNLESS OTHERWISE SPECIFIED

**MORETHANALL**  
PCB CONNECTORS  
Cable ASSEMBLIES

煜倫股份有限公司

www.morethanall.com

RoHS Compliant

DRAWING BY CY

CHECKED BY GENIUS

UNIT/ mm

SCALE 1 : 1

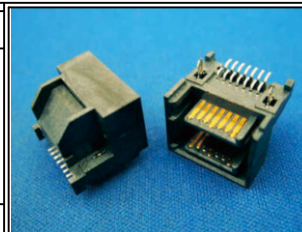
DATE

SIZE A4

P PROJECTION

TOLERANCES ARE

- X. ±
- .X ±
- .XX ±
- .XXX ±
- ANG ±



ORDER INFORMATION

SATAB1-PWA-07-LF

SERIES | | | LEADFREE  
| | | 07WAY  
| | | UPPER CONTACT  
| | | 90°SMT  
| | | MALE

DESCRIPTION: