

RoHS compliant

# REVISION DATA

| SYM | ECN | DESCRIPTION | DATE | APPROVED |
|-----|-----|-------------|------|----------|
|     |     |             |      |          |
|     |     |             |      |          |

## NOTES:

Current Rating:3.0AMP  
Contact Resistance:20mΩ max  
Withstand Voltage:500V AC/DC  
Insulation Resistance:1000MΩ min  
Operation Temperature:−40℃ to +105℃  
Contact Material:Brass  
Contact plating:Au or Sn Over Ni  
Insulator Material:PBT or PA6T+30%GF(UL94V−O)

Recommended P.C.B Layout(Top Side)  
(PCB BOARD TOLERANCE±0.05)

## HOW TO ORDER

PAD - S XX S XX - B-C-A - X - X - X

No. of Pins per  
Row:01-40Pins

Plastic Direction  
1:Type 1  
2:Type 2

Insulator Material:  
N:PA6T  
B:PBT

Package Type:  
A:Tray  
B:Tube  
C:W/Cap in Tube  
D:W/o Cap in Tape & Reel  
E:W/Film in Tube  
F:W/Film in Tape & Reel  
R:With Cap in Tape & Reel  
G:Bag

Plating Code

| Full Gold Type                                                                                                            | Selective Plated Type<br>Gold Plated on Contact Area<br>Tin Plated on Solder Area                                                                                                                     | Full Tin Type                                                       |
|---------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|
| 00 : Gold Flash<br>01 : Gold 3u"<br>02 : Gold 5u"<br>03 : Gold 10u"<br>04 : Gold 15u"<br>05 : Gold 20u"<br>06 : Gold 30u" | S0: Gold Flash, Tin 100u"<br>S1 : Gold 3u", Tin 100u"<br>S2 : Gold 5u", Tin 100u"<br>S3 : Gold 10u", Tin 100u"<br>S4 : Gold 15u", Tin 100u"<br>S5 : Gold 20u", Tin 100u"<br>S6 : Gold 30u", Tin 100u" | T1 : Tin 100u"<br>T2 : Tin 200u"<br>T3 : Tin 150u"<br>MT: Matte Tin |

conectonic



|             |           |           |                                                               |
|-------------|-----------|-----------|---------------------------------------------------------------|
| TOLERANCE:  | PROJECTON |           | TITLE:                                                        |
| ANGLE ±3°   | DATE      | 05-25-08' | 2.54mm Pin Header Single Row<br>Double Plastic Straight H=2.5 |
| X.XXX ±0.15 | DRAWN     | JXL       | PART NO:                                                      |
| X.XX ±0.25  | CHECKED   |           | PAD-SXXXSXX-B-C-A-X-X-X                                       |
| X.X ±0.40   | APPROVED  |           | REV: A                                                        |
| X. ±0.50    |           |           | UNIT: mm                                                      |
|             |           |           | SCALE: 2:1                                                    |
|             |           |           | SIZE: A4                                                      |