

| REV. | SPECIFICATION | ECN NO. | APPD. |
|------|---------------|---------|-------|
|      |               |         |       |

# Material:

Housing: PA9T, UL94V-0, Black.

Contacts: Phosphor Bronze, Gold Plated on Contact Area and 100u" Matte Tin Plated on Solder Tail Area over 50u" Nickel.

# Electrical Characteristics:

Current Rating: 1.1A.

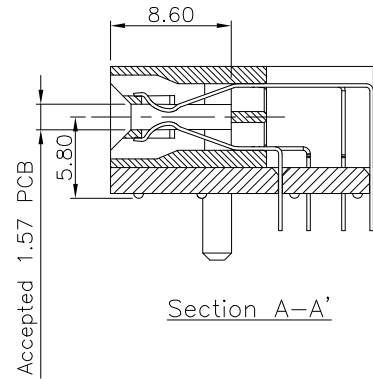
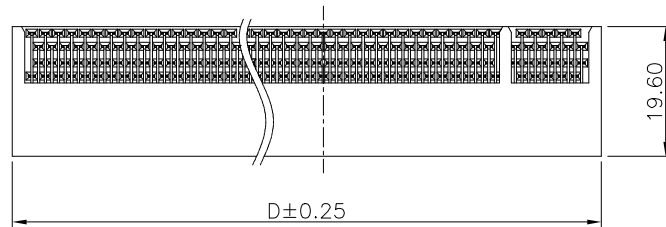
Dielectric Withstanding Voltage: AC 500V.

Insulation Resistance: 1000M $\Omega$  min.

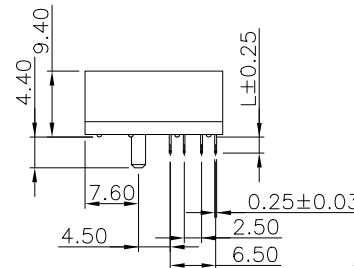
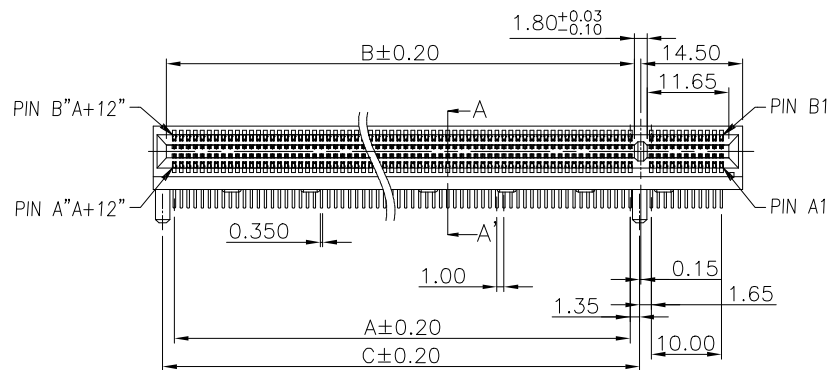
Contact Resistance: 30m $\Omega$  max.

Operating Temperature: -40°C~+85°C.

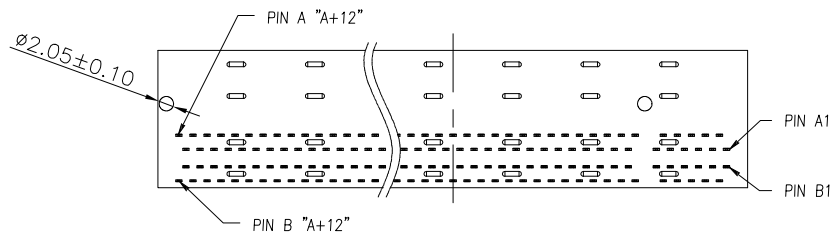
**\*RoHS Compliant**



Section A-A'



Series: 8406-C  
Positions: xx  
C: Selective Gold Plated  
00: Gold Flash  
15: 15u"  
30: 30u"  
R: Right Angle  
A: Tray Package  
L: Tail Length  
2.3: 2.3mm  
3.56: 3.56mm  
Blank: 3.1mm



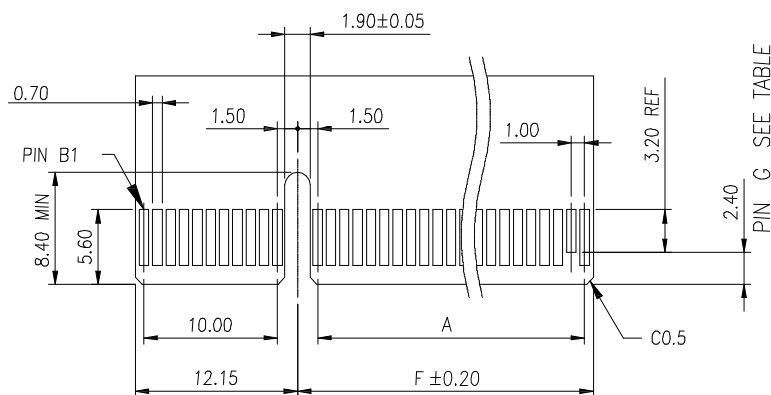
| DIMENSIONS |    |       |       |       |
|------------|----|-------|-------|-------|
| POSITION   | A  | B     | C     | D     |
| 36         | 6  | 7.65  | 9.15  | 25.00 |
| 64         | 20 | 21.65 | 23.15 | 39.00 |
| 98         | 37 | 38.65 | 40.15 | 56.00 |
| 164        | 70 | 71.65 | 73.15 | 89.00 |

|              |            |                 |       |     |
|--------------|------------|-----------------|-------|-----|
| Tolerances   | Dwg. No.   | S2620230627-01  |       |     |
| x. = ±0.40   | Projection | ⊕ ⊞             |       |     |
| .x = ±0.30   | Unit       | mm              | Scale | 1:N |
| .xx = ±0.20  | Drawn By   | Martin 08/15'24 |       |     |
| .xxx = ±0.10 |            |                 |       |     |

Title: 8406-C Series  
PCI Express  
Pitch 1.0mm  
Right Angle Type

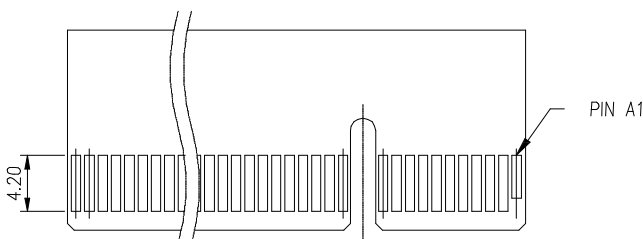
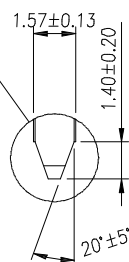
|                                     |     |         |    |
|-------------------------------------|-----|---------|----|
|                                     |     |         |    |
| OUPIN ELECTRONIC(KUNSHAN) CO., LTD. |     |         |    |
| P/N: 8406-CxxCxxR-xxxA              |     |         |    |
| SHEET                               | 1/2 | Ver.No. | X3 |

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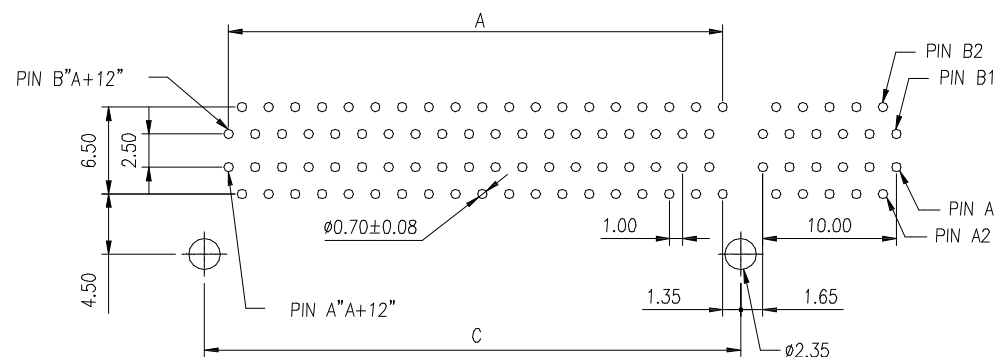


I/O PANEL DIRECTION  
PRIMARY (COMPONENT) SIDE

1.47±0.13



I/O PANEL DIRECTION  
SECONDARY (SOLDER) SIDE  
ADD-IN CARD EDGE-FINGER DIMENSIONS



RECOMMENDED PCB LAYOUT  
TOLERANCE: ±0.05

| DIMENSIONS |    |       |       |          |
|------------|----|-------|-------|----------|
| POSITIONS  | A  | C     | F     | G        |
| 36         | 6  | 9.15  | 8.15  | B PIN 17 |
| 64         | 20 | 23.15 | 22.15 | B PIN 31 |
| 98         | 37 | 40.15 | 39.15 | B PIN 48 |
| 164        | 70 | 73.15 | 72.15 | B PIN 81 |

|              |            |                 |       |
|--------------|------------|-----------------|-------|
| Tolerances   | Dwg. No.   | S2620230627-01  |       |
| x. = ±0.40   | Projection |                 |       |
| .x = ±0.30   | Unit       | mm              | Scale |
| .xx = ±0.20  | Scale      | 1:N             |       |
| .xxx = ±0.10 | Drawn By   | Martin 08/15'24 |       |

Title: 8406-C Series  
PCI Express  
Pitch 1.0mm  
Right Angle Type

|                                                                    |     |         |    |
|--------------------------------------------------------------------|-----|---------|----|
| <br>OUPIIN ELECTRONIC(KUNSHAN) CO., LTD.<br>P/N: 8406-CxxCxxR-xxxA |     |         |    |
| SHEET                                                              | 2/2 | Ver.No. | X3 |