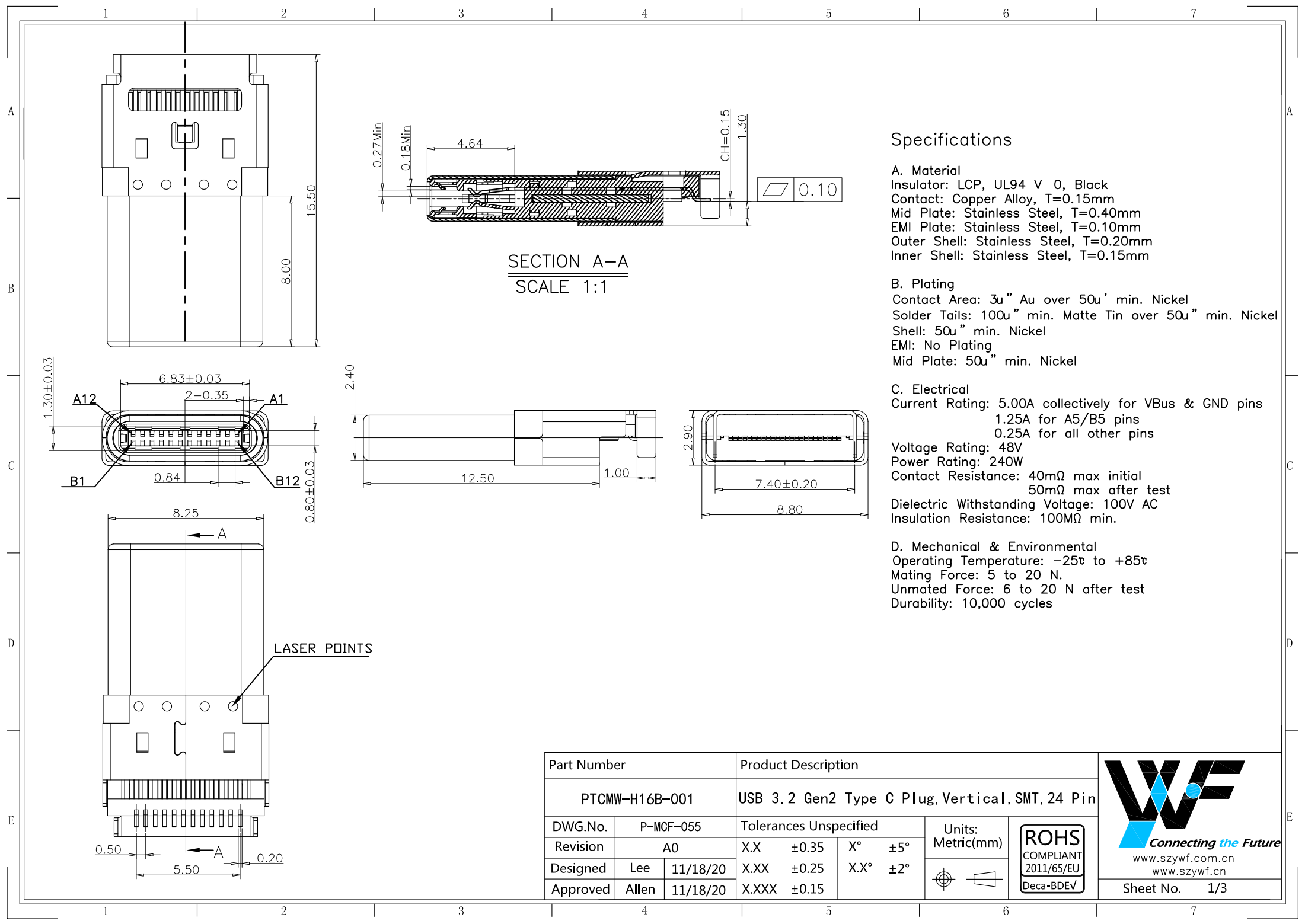




Specifications

- A. Material  
Insulator: LCP, UL94 V-0, Black  
Contact: Copper Alloy, T=0.15mm  
Mid Plate: Stainless Steel, T=0.40mm  
EMI Plate: Stainless Steel, T=0.10mm  
Outer Shell: Stainless Steel, T=0.20mm  
Inner Shell: Stainless Steel, T=0.15mm
- B. Plating  
Contact Area: 3u" Au over 50u" min. Nickel  
Solder Tails: 100u" min. Matte Tin over 50u" min. Nickel  
Shell: 50u" min. Nickel  
EMI: No Plating  
Mid Plate: 50u" min. Nickel
- C. Electrical  
Current Rating: 5.00A collectively for VBus & GND pins  
1.25A for A5/B5 pins  
0.25A for all other pins  
Voltage Rating: 48V  
Power Rating: 240W  
Contact Resistance: 40mΩ max initial  
50mΩ max after test  
Dielectric Withstanding Voltage: 100V AC  
Insulation Resistance: 100MΩ min.
- D. Mechanical & Environmental  
Operating Temperature: -25℃ to +85℃  
Mating Force: 5 to 20 N.  
Unmated Force: 6 to 20 N after test  
Durability: 10,000 cycles

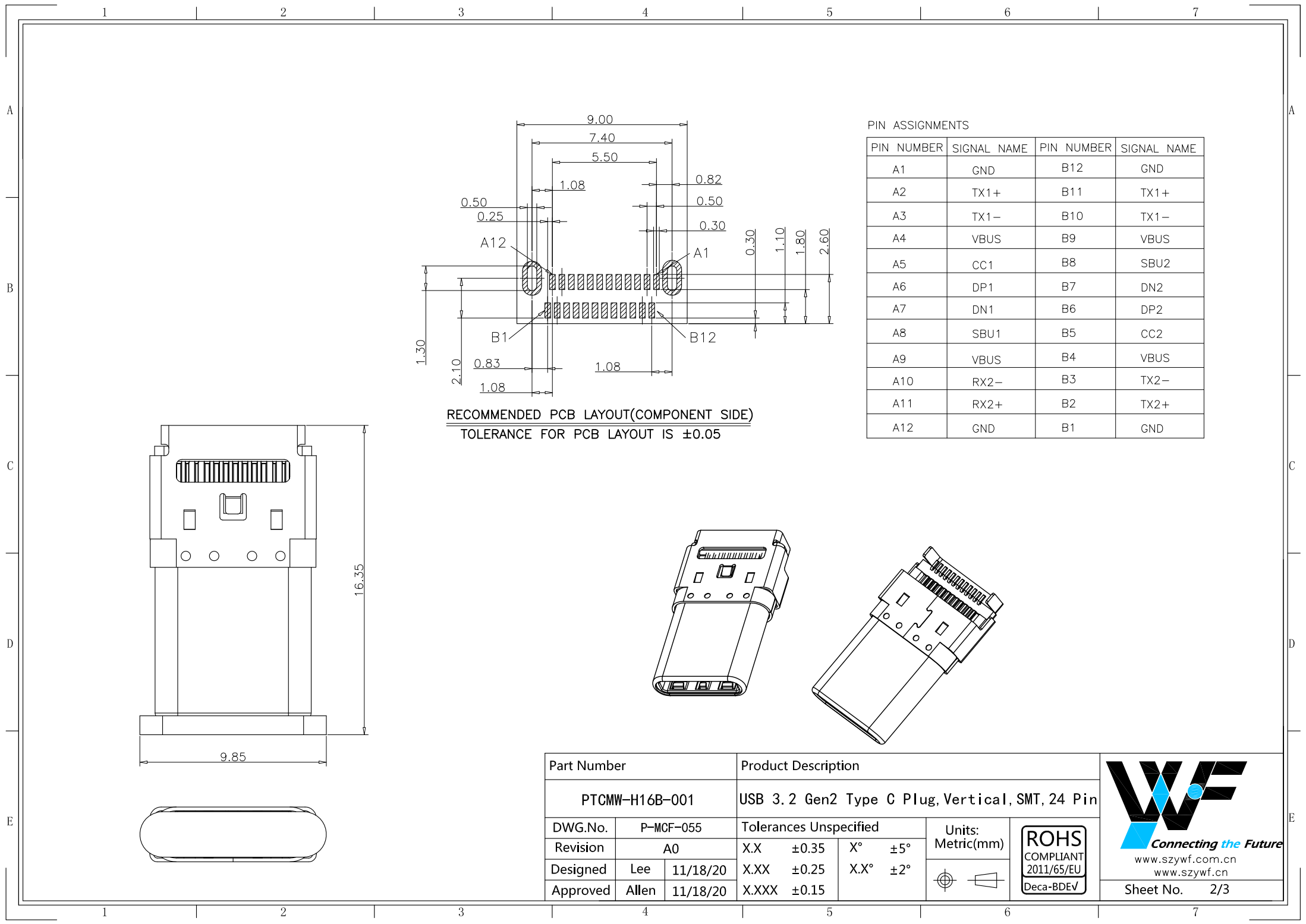
| Part Number    |           |          | Product Description                             |          |                      |  |
|----------------|-----------|----------|-------------------------------------------------|----------|----------------------|--|
| PTCMW-H16B-001 |           |          | USB 3.2 Gen2 Type C Plug, Vertical, SMT, 24 Pin |          |                      |  |
| DWG.No.        | P-MCF-055 |          | Tolerances Unspecified                          |          | Units:<br>Metric(mm) |  |
| Revision       | A0        |          | X.X ±0.35                                       | X° ±5°   |                      |  |
| Designed       | Lee       | 11/18/20 | X.XX ±0.25                                      | X.X° ±2° |                      |  |
| Approved       | Allen     | 11/18/20 | X.XXX ±0.15                                     |          |                      |  |

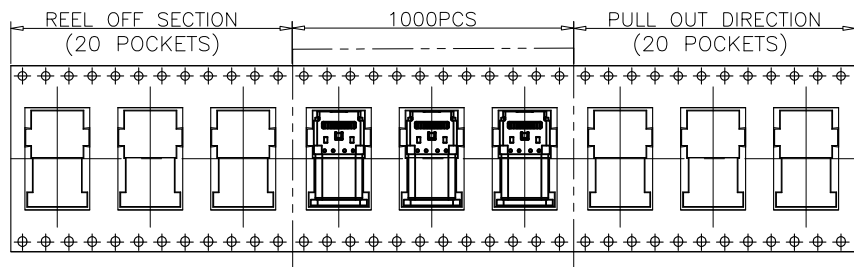


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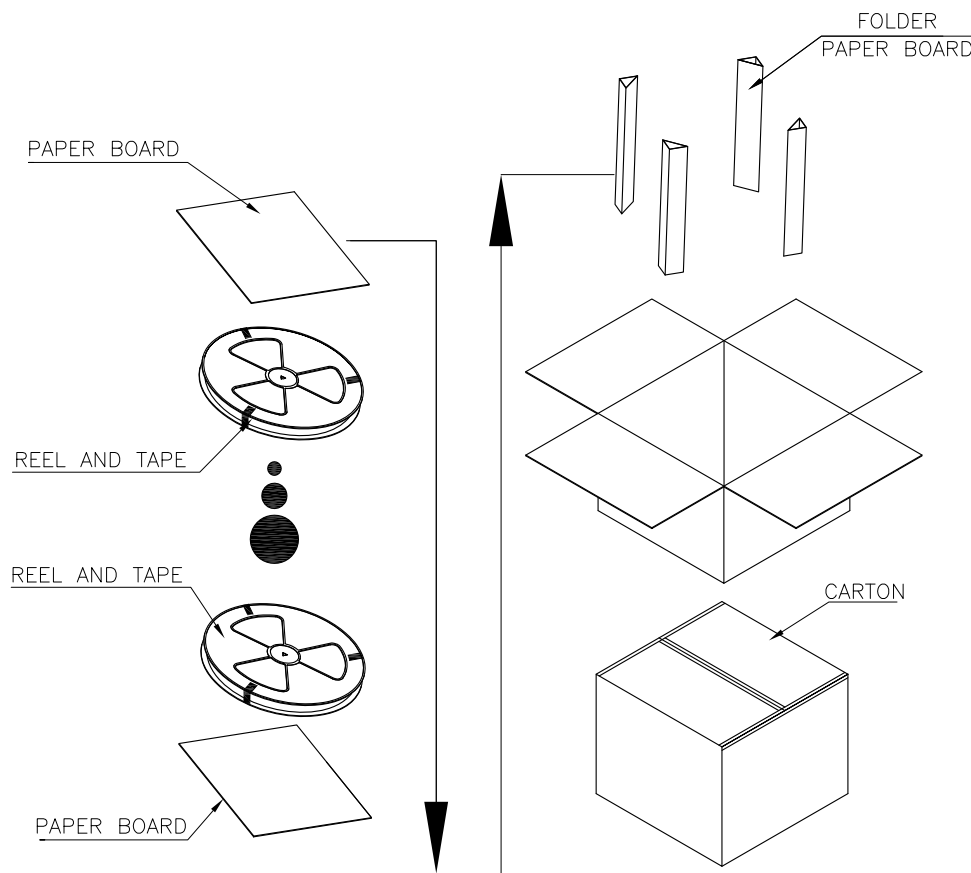
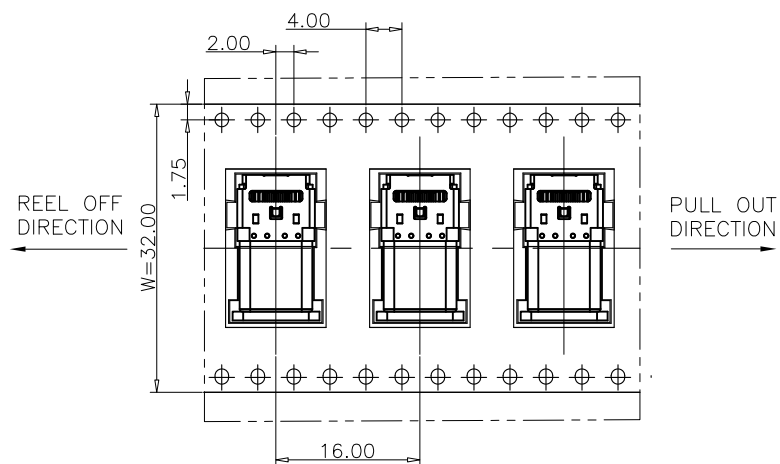
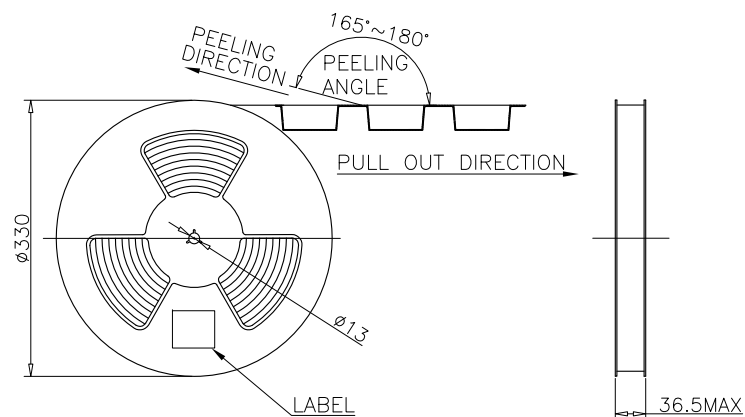
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SEE DETAIL X



|                | REEL | CARTON |
|----------------|------|--------|
| QUANTITY (PCS) | 1000 | 8000   |

| Part Number    |           |          | Product Description                             |          |                      |  |
|----------------|-----------|----------|-------------------------------------------------|----------|----------------------|--|
| PTCMW-H16B-001 |           |          | USB 3.2 Gen2 Type C Plug, Vertical, SMT, 24 Pin |          |                      |  |
| DWG.No.        | P-MCF-055 |          | Tolerances Unspecified                          |          | Units:<br>Metric(mm) |  |
| Revision       | A0        |          | X.X ±0.35                                       | X° ±5°   |                      |  |
| Designed       | Lee       | 11/18/20 | X.XX ±0.25                                      | X.X° ±2° |                      |  |
| Approved       | Allen     | 11/18/20 | X.XXX ±0.15                                     |          |                      |  |

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