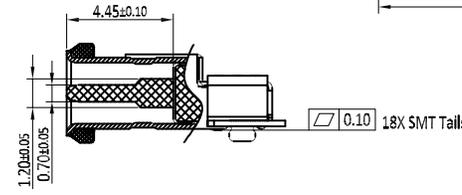
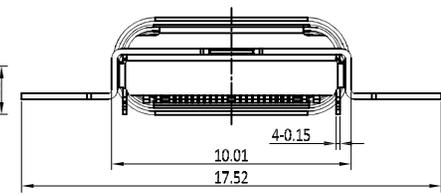
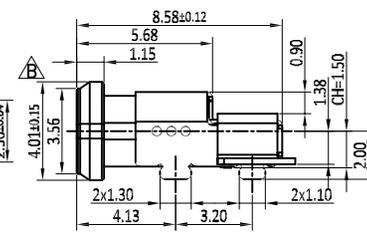
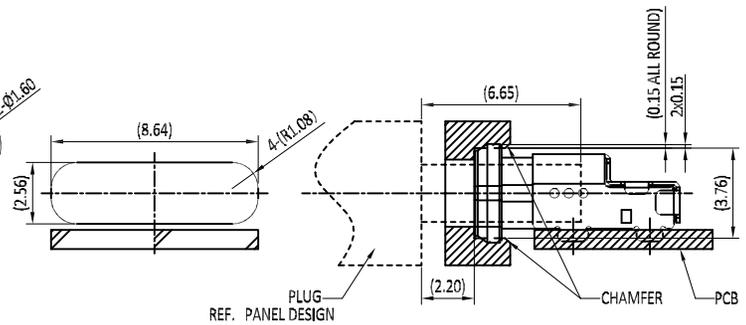
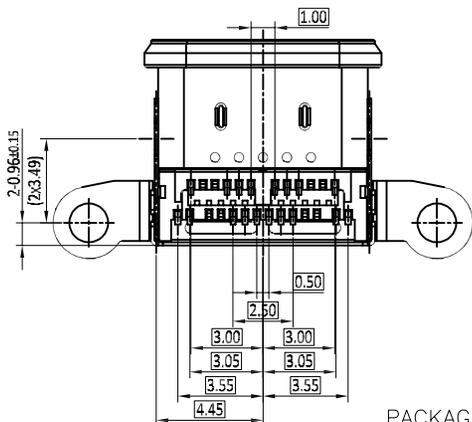
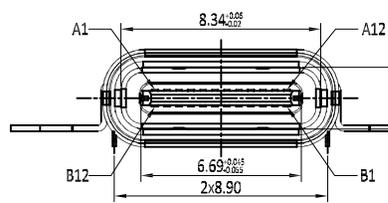
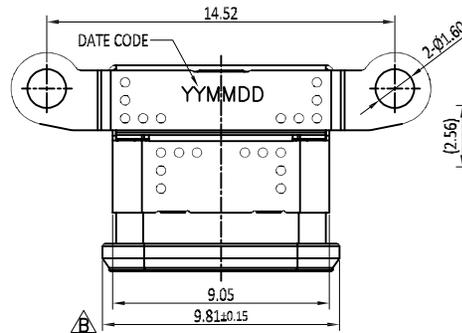
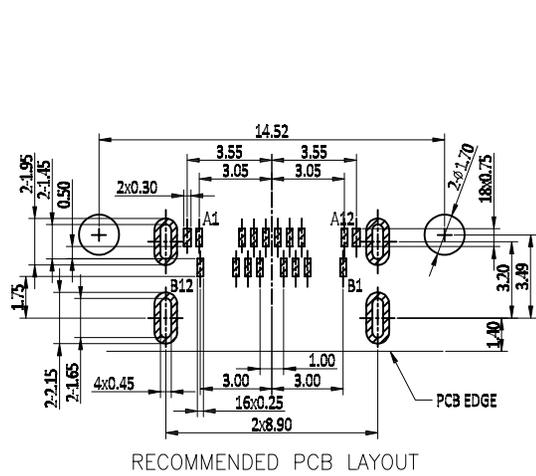


APPROVED: _____

DATE: _____ TITLE: _____

| Rev | AWO # | Description | Date | Appr |
|-----|-------|----------------|----------|--------|
| - | | RELEASED | 6/7/24 | |
| A | | UPDATE DRAWING | 11/27/24 | LH/RC |
| B | | UPDATE DIM. | 9/8/25 | WY/AC1 |



| PIN | SIGNAL NAME | PIN | SIGNAL NAME |
|-----|-------------|-----|-------------|
| A1 | GND | B12 | GND |
| A2 | | B11 | |
| A3 | | B10 | |
| A4 | VBUS | B9 | VBUS |
| A5 | CC1 | B8 | SBU2 |
| A6 | Dp1 | B7 | Dn1 |
| A7 | Dn1 | B6 | Dp2 |
| A8 | SBU1 | B5 | CC2 |
| A9 | VBUS | B4 | VBUS |
| A10 | | B3 | |
| A11 | | B2 | |
| A12 | GND | B1 | GND |

SPECIFICATIONS:
Material:
 Insulator: Hi-temp thermoplastic, rated UL 94V-0
 Insulator color: Black
 Contacts: Copper Alloy
 Shell: Stainless steel, Nickel plated
 MID Plated: Stainless steel
 O-ring: UV Rubber, Color: Red
 Plating:
 30u" Gold over Nickel underplate on contact area,
 Gold Flash over Nickel underplate overall
Electrical:
 Current rating: 5A
 Contact resistance: 40 mohms Max
 Insulation resistance: 100 Mohms min.
 Dielectric withstanding: 100V AC
Mechanical:
 Mating force: 5~20N
 Unmated force: 8~20N
 Durability: 10,000 Cycles
 Temperature Rating:
 Operating temperature: -20°C ~ +85°C
Environmental:
 Waterproof requirement: IPX8
 Lead free, RoHS compliant.



PACKAGED ON TAPE & REEL

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE MILLIMETERS. TOLERANCES: EXCEPT AS NOTED

| | | | |
|----|-------------|-------|------|
| MM | .X ± 0.50 | ANGLE | ± 3° |
| | .XX ± 0.15 | | |
| | .XXX ± 0.10 | | |

| | | |
|----------|----|--------|
| DRAWN | LH | 6/7/24 |
| CHECKED | RC | 6/7/24 |
| APPROVED | | |

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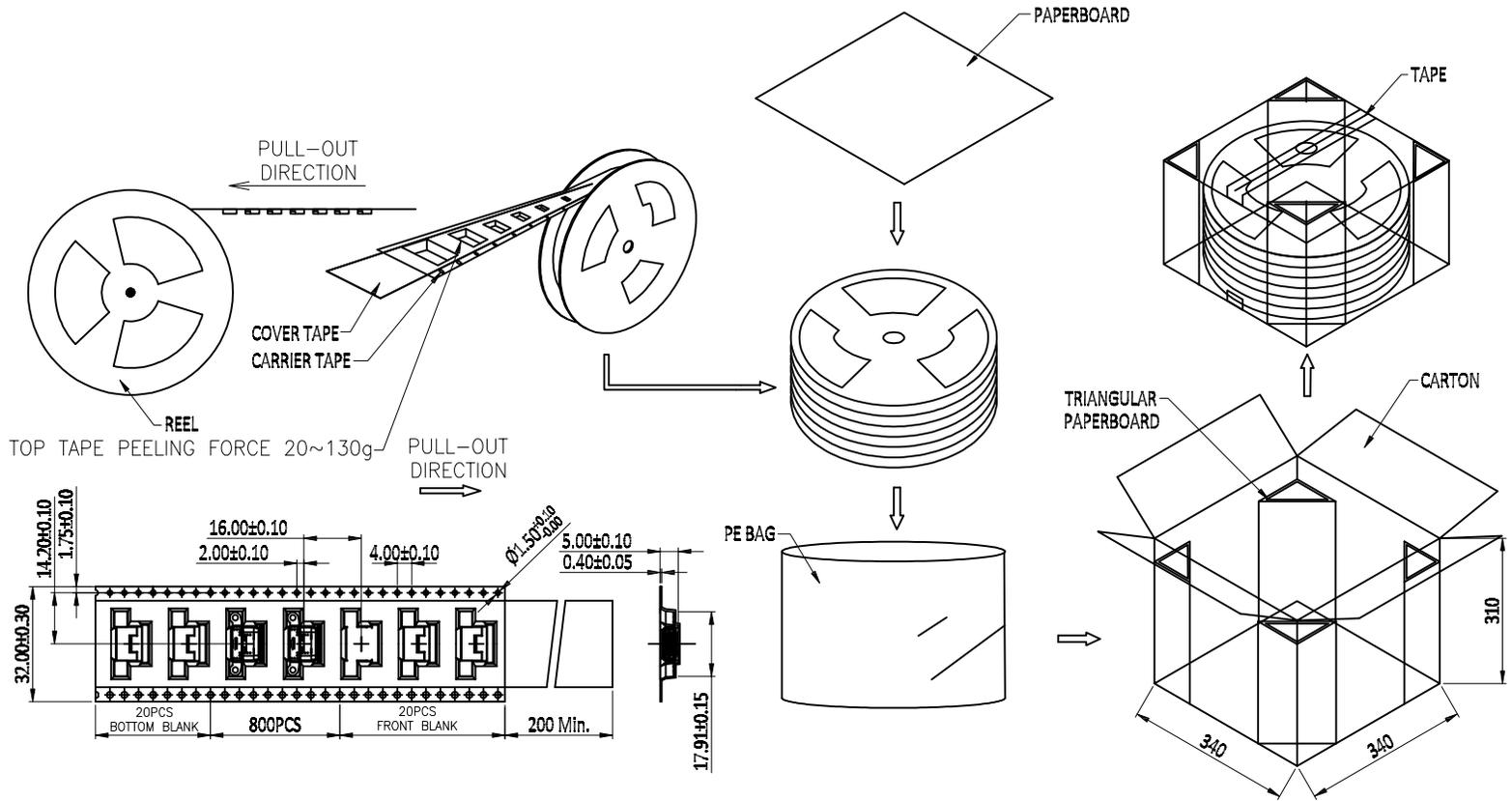
909 Rahway Avenue,
 Union, NJ 07083
 Phone: 908-687-5000
 adam-tech.com

| | | |
|---|--|--------------|
| TITLE: UNIVERSAL SERIAL BUS, TYPE C2.0, FEMALE, 16P TRANSMISSION EFFICIENCY: 480M W/ MOUNTING FLANGE, WATERPROOF IPX8 | | |
| SIZE: X | PART NO.: USB-C20-S-RA-CS68-SMT-WP-BK-30-T/R | REV.: B |
| REF: S00013T | SCALE: NTS | SHEET 1 OF 2 |

APPROVED: _____

DATE: _____ TITLE: _____

| | | | | |
|-----------------------------|-------|-------------|------|------|
| Rev | AWO # | Description | Date | Appr |
| SEE SHT 1 OF 2 FOR REVISION | | | | |



| | |
|------------------------|----------------------|
| QUANTITY OF PER TRAY | 800PCS/REEL |
| QUANTITY OF PER CARTON | 8x800=6400PCS/CARTON |
| TRAY TYPE | Ø330x35H |
| CARTON SIZE | 340x340x310 |
| PART | MATERIAL |

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE MILLIMETERS. TOLERANCES: EXCEPT AS NOTED

| | | | |
|----|-------------|-------|------|
| MM | .X ± 0.50 | ANGLE | ± 3° |
| | .XX ± 0.15 | | |
| | .XXX ± 0.10 | | |

| | | |
|----------|----|--------|
| DRAWN | LH | 6/7/24 |
| CHECKED | RC | 6/7/24 |
| APPROVED | | |

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 Union, NJ 07083
 Phone: 908-687-5000
 adam-tech.com

| | | |
|--|---|--------------|
| TITLE UNIVERSAL SERIAL BUS, TYPE C2.0, FEMALE, 16P TRANSMISSION EFFICIENCY: 480M W/ MOUNTING FLANGE, WATERPROOF IPX8 | | |
| SIZE X | PART NO. USB-C20-S-RA-CS68-SMT-WP-BK-30-T/R | REV. B |
| REF: S00013T | SCALE: NTS | SHEET 2 OF 2 |