

Top view of the connector showing dimensions: 4.10, 8.34+0.06/-0.02, 6.69+0.045/-0.055, 24*0.25±0.04, 7.15, 7.60, 8.64, 2.54+0.06/-0.02, 0.53, CH=1.62, 5.37, 0.20±0.05(24X), 2.63, 5.50, 2.88, 0.25, PITCH=0.50, PITCH=0.50.

Side view of the connector showing dimensions: 6.65, 1.90, 0.58, 2.30, 5.05, 1.30, 0.10, 4.75, 4.50+0.05/-0.15, 3.50±0.15, 0.50±0.20, 1.20±0.05, 0.70±0.05.

Bottom view of the connector showing dimensions: 0.20±0.05(24X), 2.63, 5.50, 2.88, 0.25, PITCH=0.50, PITCH=0.50.

Section A-A of the connector showing dimensions: 8.00, 0.58, 2.30, 5.05, 1.30, 0.10, 4.75, 4.50+0.05/-0.15, 3.50±0.15, 0.50±0.20, 1.20±0.05, 0.70±0.05.

Recommended PCB layout (top view) showing dimensions: 1.60(2X), 1.20(2X), 1.00(2X), 8.64, 5.50, 2.87, PITCH=0.50, PITCH=0.50, 0.25, 0.28, 7.15, 0.80, 3.07, 5.05, 0.90, 2.30, 0.60(2X), 1.00(2X), 8.64, 1.70(2X), 0.60(2X), 2.30(2X), 1.90(2X).

Specifications:

Current Rating:5.0A

Voltage Rating:48V

Contact Resistance:40m ohm Max.

Insulation Resistance:100M ohm. min.

Withstanding Voltage:100V AC For One Minute

Operating Temperature Range:-30°C ~ +85°C

Material And Finish

Insulator:High Temperature Plastic UL94V-0 Black

Contact:Copper Alloy

Plating:Gold Plated

Shielding plate:Stainless Steel

Shell:Stainless Steel

Plating:Ni Plated

Insertion Force: 0.5~2.0kgf.

Removal Force: 0.8kgf~2.0kgf.

Durability: 10000 Cycles

3D perspective view of the connector.

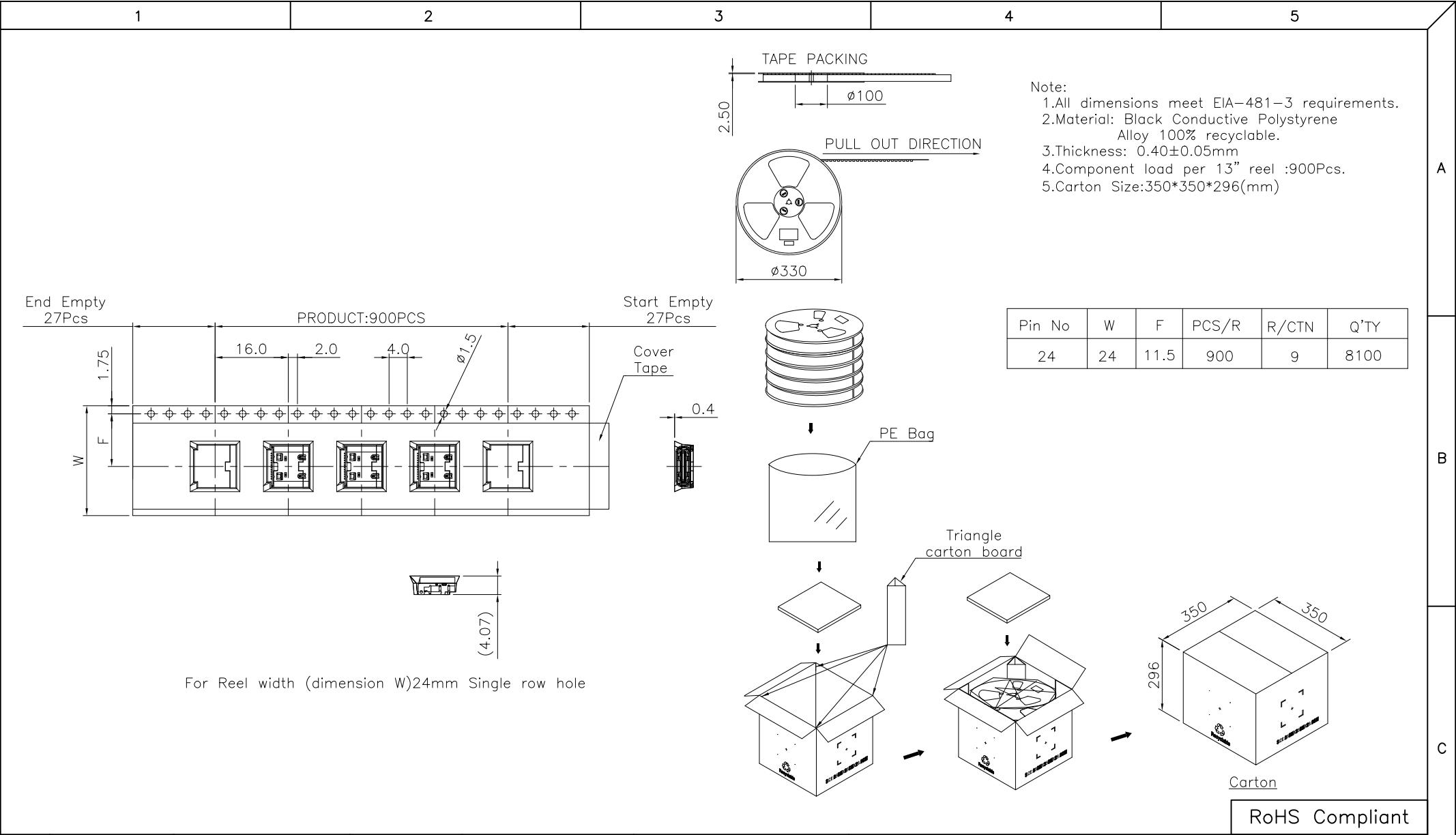
A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12
GND	SSTXp1	SSTXn1	Vbus	CC1	Dp1	Dn1	SBU1	Vbus	SSRXn2	SSRXp2	GND
GND	SSRXp1	SSRXn1	Vbus	SBU2	Dn2	Dp2	CC2	Vbus	SSTXn2	SSTXp2	GND
B12	B11	B10	B9	B8	B7	B6	B5	B4	B3	B2	B1

RECOMMENDED PCB LAYOUT(TOP VIEW)

THICKNESS 0.80MM~1.0MM;DEFAULT TOLERANCE:±0.05

RoHS Compliant

F				DRAWN: Joy Liu	GENERAL TOLERANCE: .X=±0.30 .XX=±0.20	CnC Tech Industrial Cable and Connector Technology		SIZE A4
E								
D				CHECKED: Andrew	UNIT: MM	DESCRIPTION: USB 3.2 GEN2 TYPE C FEMALE DOUBLE ROWS TYPE		
C					SCALE: 1:1			
B				APPROVAL: Bill He	SHEET: 1/2	PART NO: 1003-031-01220-TR		
A	22-NOV-2023				PROJECTION:			
REV	DATE	FILE	BY					



F				DRAWN:	GENERAL TOLERANCE:	CnC Tech Industrial Cable and Connector Technology	
E				Joy Liu	.X=±0.30 .XX=±0.20		
D				CHECKED:	UNIT: MM	DESCRIPTION:	SIZE
C				Andrew	SCALE: 1:1	USB 3.2 GEN2 TYPE C FEMALE DOUBLE ROWS TYPE	A4
B				APPROVAL:	SHEET: 2/2	PART NO:	
A	22-NOV-2023			Bill He	PROJECTION:	1003-031-01220-TR	
REV	DATE	FILE	BY				