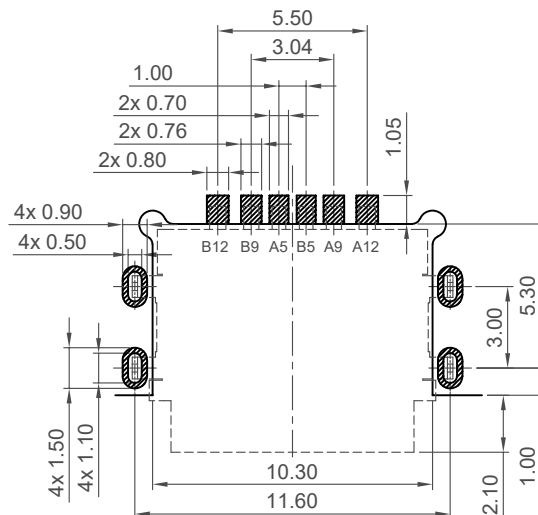
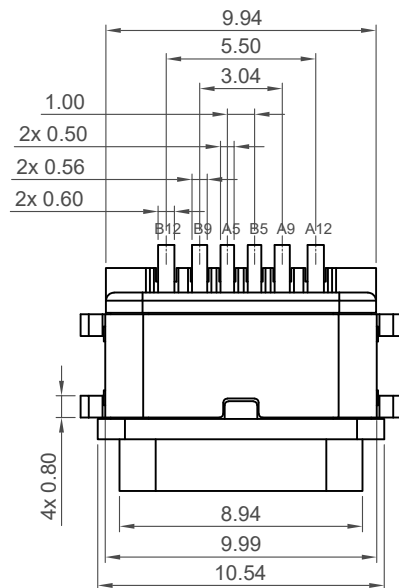




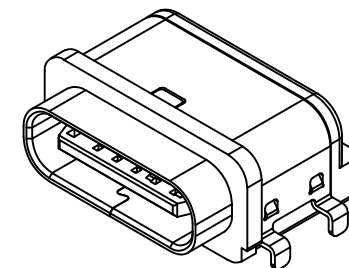
Recommended PCB Layout

Thickness 0.80±0.10mm

Tolerance: ±0.05mm

■ Solder Area □ Component Outline

Pin	Signal	Mating Sequence
A5	CC1	Second
A9	VBUS	First
A12	GND	First
B5	CC2	Second
B9	VBUS	First
B12	GND	First
SHELL	GND	



Specifications

Material

Insulator: LCP, UL 94V-0, Black

Contact: Copper Alloy

Shell: Stainless Steel

Shielding Plate: Stainless Steel

Gasket: Silicone Rubber, Part No.: USBTJ-04,

Shore Hardness 60A

(Gasket+Connector can be ordered separately or together as a KIT)

Plating

Contact

Contact Area: Gold Flash

Solder Tails: Tin over Nickel

Shell: Nickel

Shielding Plate: Nickel

Electrical

Current Rating: 3.00A collectively for Vbus pins
4.25A collectively for GND pins
1.25A for A5/B5 pin

Voltage Rating: 48V DC

Contact Resistance: 40mΩ max initial.

50mΩ max after test

Dielectric Withstanding Voltage: 100V AC

Insulation Resistance 100MΩ min

Mechanical & Environmental

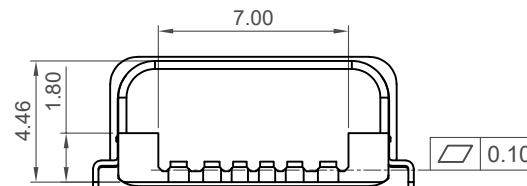
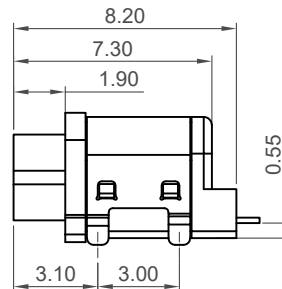
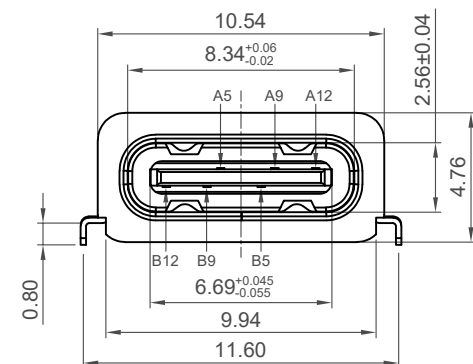
Operating Temperature: -30°C to +85°C

Mating Force: 5 to 20 N.

Unmated Force: 6 to 20 N after test

Durability: 20,000 cycles

Ingress Protection Rating: IP67



Ordering Grid

USB4715 - GF - A - XXX

Request Samples and Quotation

Contact Plating
GF = Gold Flash

Packing Options
A = Tape & Reel (700 per reel)

Gasket Options

KIT = Includes Gasket: USBTJ-04

Blank = Connector Only (Without gasket)

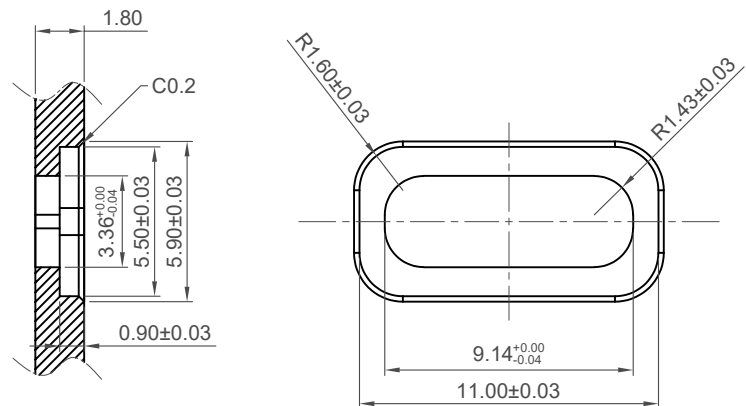
Part Number		Product Description	
USB4715		Type C Receptacle, Horizontal, Mid-Mount, SMT, IP67,	
Drawing Date		For Power Charging Only, 6 Pin	
4th July 2022			
By	KY	Tolerances (Except as Noted)	Units:
Detail	Drawing Release	Length	Metric (mm)
Revision	A7	Angle	
Date	31/03/26	X.X ± 0.30	
		X.XX ± 0.25	
		X.XXX ± 0.10	



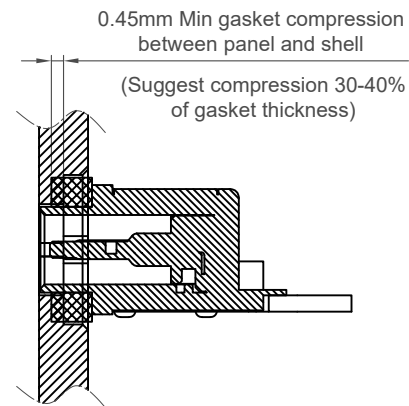
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GCT
www.gct.co

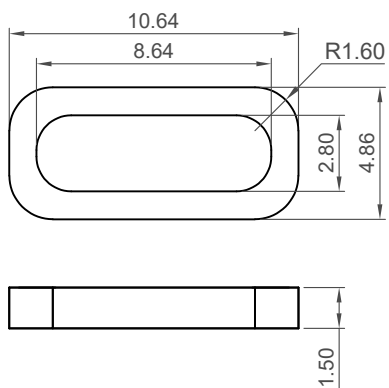
Not to Scale Drawn By CC Sheet No. 1/4



Recommended Panel Spec



(Suggest compression 30-40% of gasket thickness)

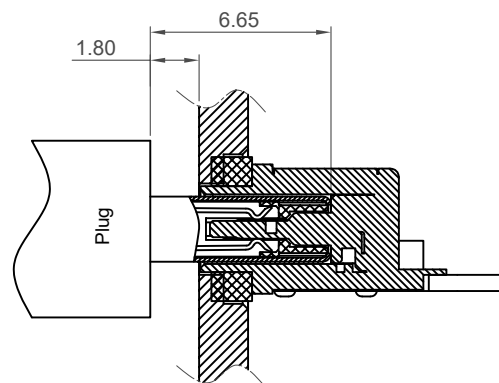


Recommended Waterproof Gasket

Gasket Part No.: USBTJ-04

(Gasket+Connector can be ordered separately or together as a KIT)

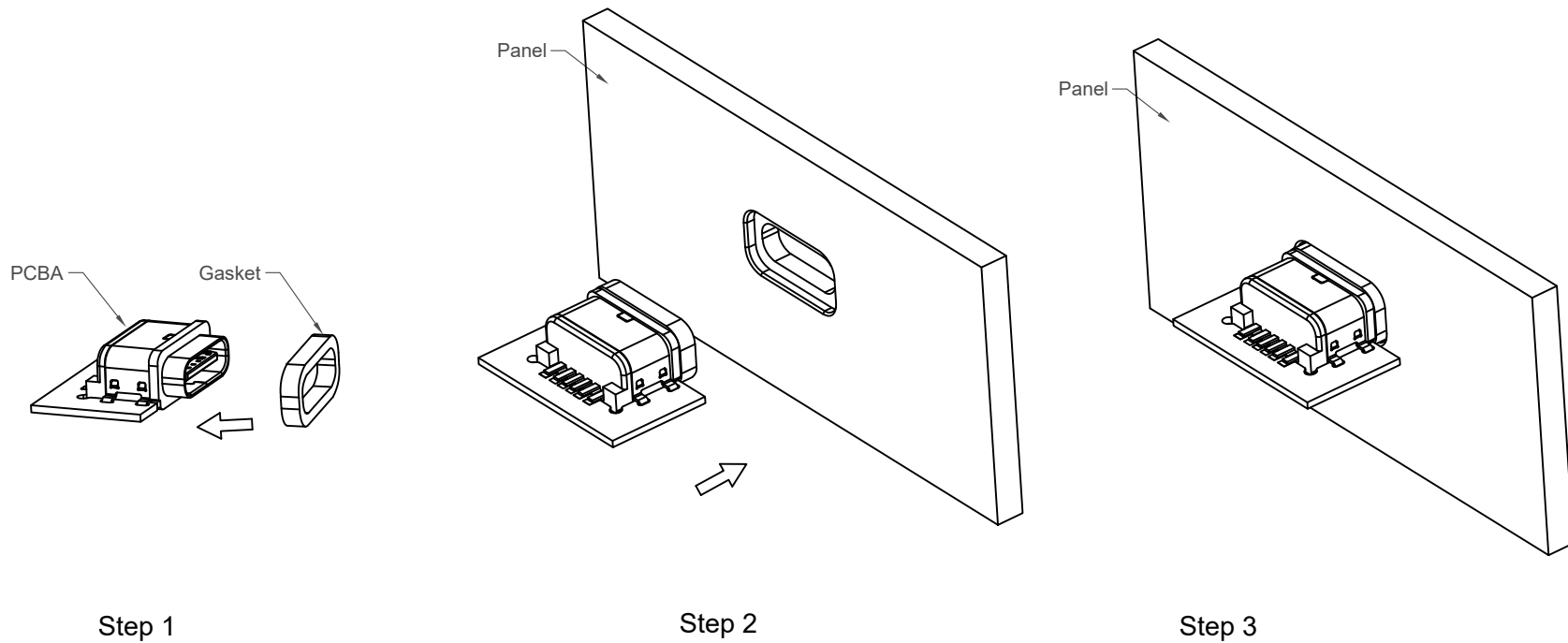
(See separate datasheet for specification)



Plug and Receptacle Mating View

Part Number		Product Description				 www.gct.co
USB4715		Type C Receptacle, Horizontal, Mid-Mount, SMT, IP67, For Power Charging Only, 6 Pin				
Drawing Date						
4th July 2022						
By	KY	Tolerances (Except as Noted)		Units:	  This drawing is confidential and copyright of Global Connector Technology, Ltd (GCT). This drawing must not be copied or disclosed without written consent. E & OE	
Detail	Drawing Release	Length	Angle	Metric (mm)		
Revision	A7	X.X ± 0.30	-			
Date	31/03/26	X.XX ± 0.25		3rd Angle Projection		
		X.XXX ± 0.10				

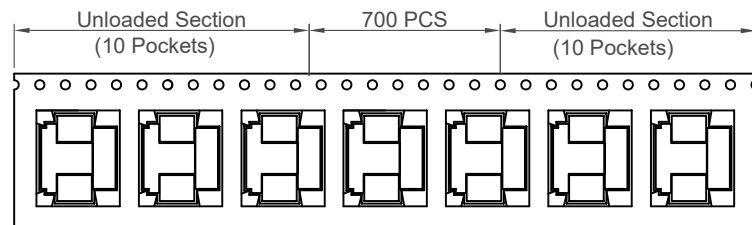
GCT
www.gct.co



Assembly instruction for Gasket set after Reflow
Available for Type C Receptacle Waterproof Series

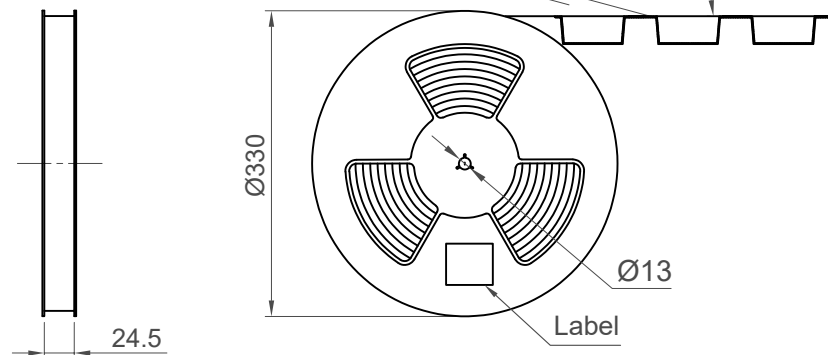
Part Number		Product Description				 www.gct.co		
USB4715		Type C Receptacle, Horizontal, Mid-Mount, SMT, IP67, For Power Charging Only, 6 Pin						
Drawing Date								
4th July 2022								
By	KY	Tolerances (Except as Noted)		Units:	 	This drawing is confidential and copyright of Global Connector Technology, Ltd (GCT). This drawing must not be copied or disclosed without written consent. E & OE		
Detail	Drawing Release	Length	Angle	Metric (mm)				
Revision	A7	X.X ± 0.30						
Date	31/03/26	X.XX ± 0.25	-					
		X.XXX ± 0.10						
				3rd Angle Projection				
						Not to Scale	Drawn By CC	Sheet No. 3/4

GCT
www.gct.co

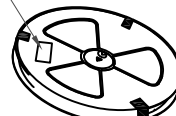
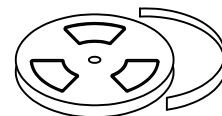
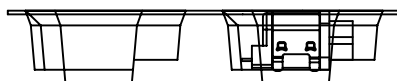
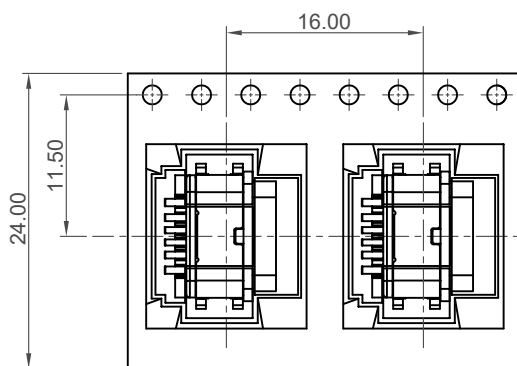


Direction of Unreeling →

Peeling Angle 165°~180°



Direction of Unreeling →

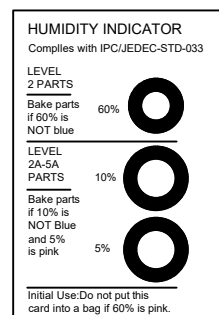


Humidity indicator card

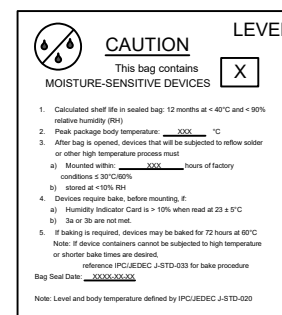
Desiccant

Barcode Label

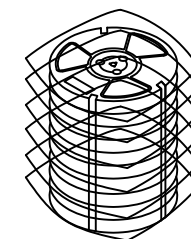
MSL Label



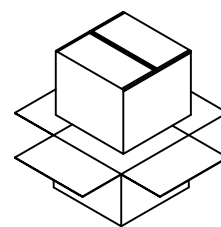
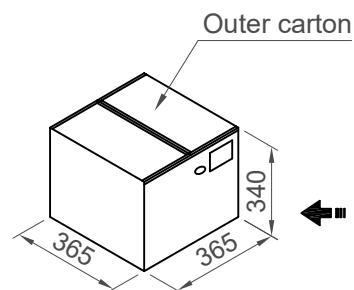
Humidity indicator card



MSL Label



Folded paper board



Inner Carton

Pcs / Reel	Reels / Carton	Total Quantity
700	10	7,000 pcs

Part Number USB4715		Product Description Type C Receptacle, Horizontal, Mid-Mount, SMT, IP67, For Power Charging Only, 6 Pin	
Drawing Date 4th July 2022			
By Detail	KY Drawing Release	Tolerances (Except as Noted) Length Angle	Units: Metric (mm)
Revision Date	A7 31/03/26	- -	3rd Angle Projection



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Not to Scale	Drawn By CC	Sheet No. 4/4
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