

**MODEL:** UJC-H-G-SMT-1-P6-TR-65 | **DESCRIPTION:** USB RECEPTACLE**FEATURES**

- USB Type C receptacle
- power only
- IPX5
- tape & reel packaging

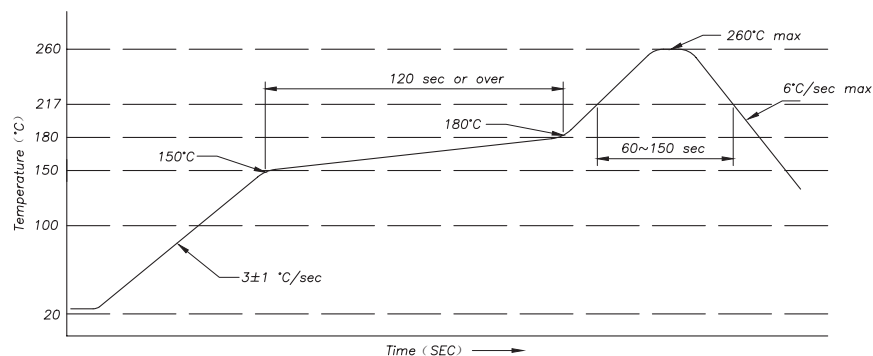
**SPECIFICATIONS**

parameter	conditions/description	min	typ	max	units
USB standard	power only				
rated input voltage				30	Vdc
rated input current	as per EIA-364-70, Method B power pins collectively [(A9, A12, B9, B12) VCONN pins individually (A5, B5]			3.0 1.25	A A
contact resistance ¹	between terminals and mating plug			40	mΩ
insulation resistance	at 100 Vdc between adjacent contacts	100			MΩ
voltage withstand	between adjacent contacts for 1 minute	100			Vac
insertion force	at a rate of 30 cycles/min	5		20	N
withdrawal force	at a rate of 30 cycles/min	8		20	N
life	at a rate of 500 cycles per hour		10,000		cycles
operating temperature		-25		85	°C
flammability rating	UL94V-0				
RoHS	yes				
IP level	IPX5				

Note: 1. When measured at 20 mV / 100 mA.

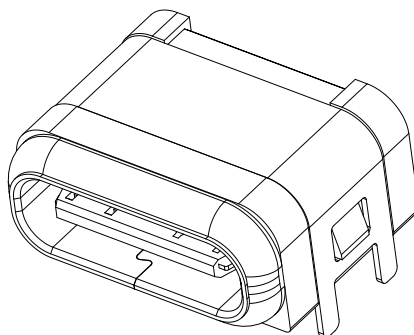
SOLDERABILITY

parameter	conditions/description	min	typ	max	units
reel storage	at 20~30°C, 40~75% humidity				
reflow soldering	see reflow profile			260	°C

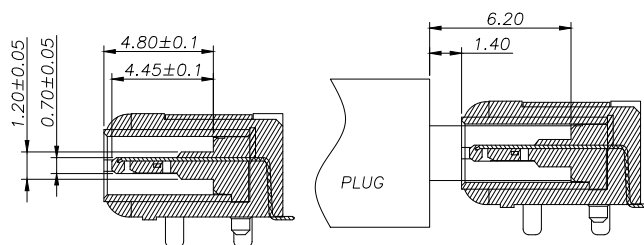
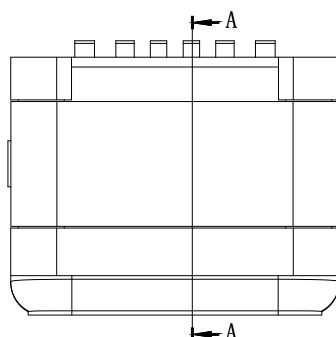


MECHANICAL DRAWING

units: mm
tolerance:
X.X ± 0.30 mm
X.XX ± 0.25 mm
X.XXX ± 0.10 mm
unless otherwise specified

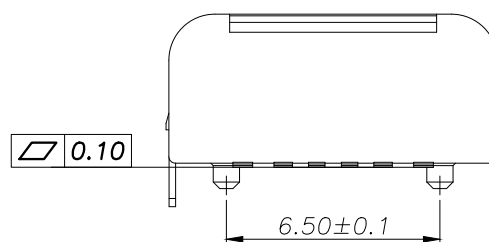
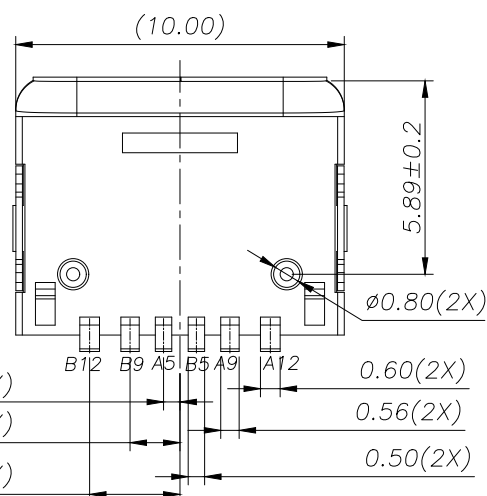
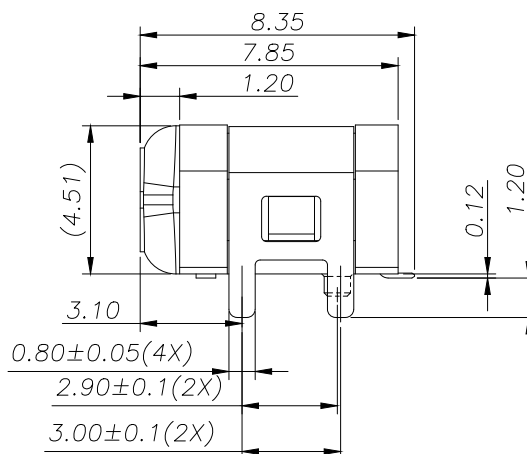
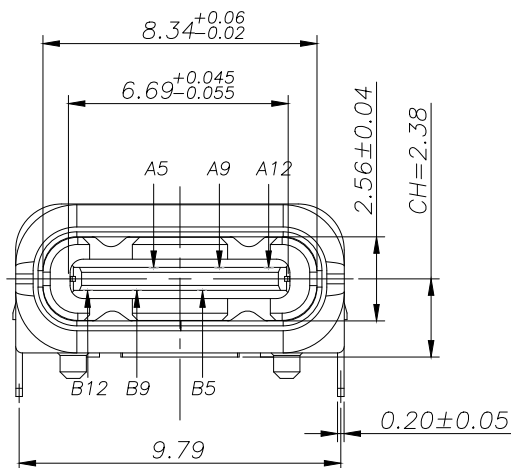


DESCRIPTION	MATERIAL	PLATING/COLOR
housing	LCP (UL94V-0)	black
contact	C2680	contact area: 1 μ " gold over 50 μ " nickel solder area: tin over 50 μ " nickel
front shell	SUS304	nickel
mid plate	stainless steel	clear
o-ring	UV glue	red



SECTION:A-A

AFTER MATING



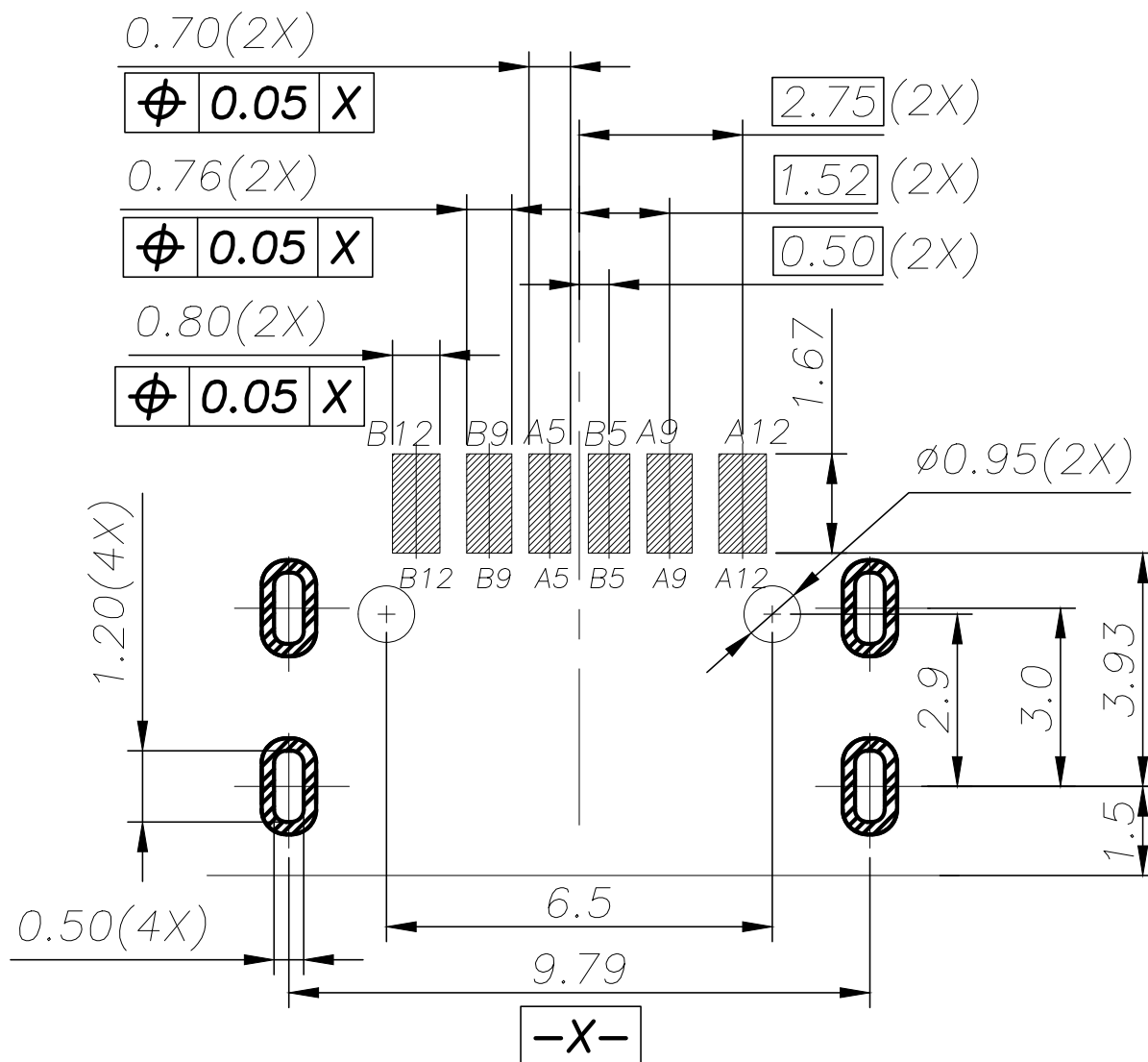
MECHANICAL DRAWING (CONTINUED)

units: mm

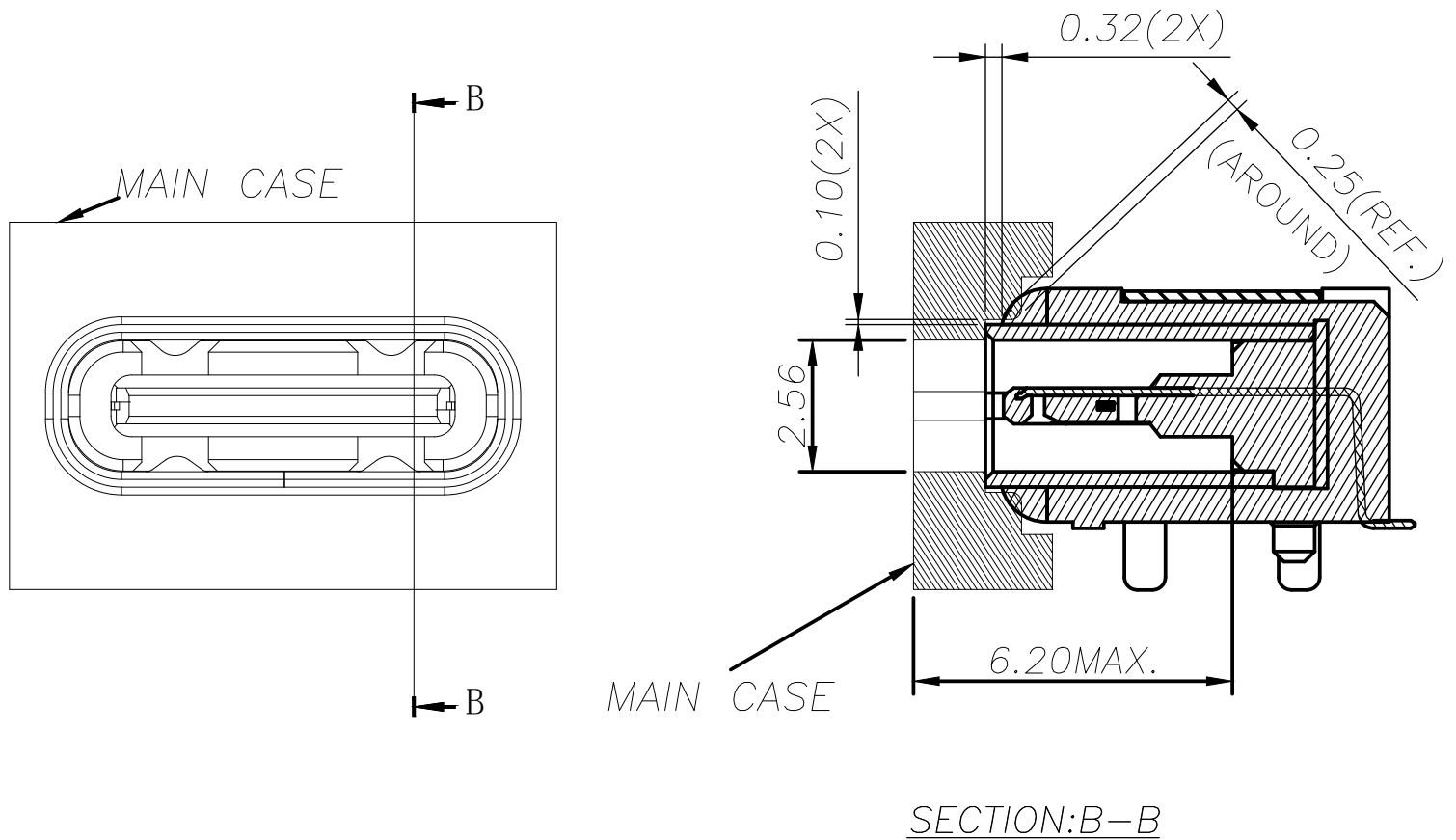
PCB tolerance: ± 0.05 mm

PCB thickness: 0.8 mm

PIN CONNECTIONS			
PIN	SIGNAL NAME	PIN	SIGNAL NAME
A5	CC1	B12	GND
A9	VBUS	B9	VBUS
A12	GND	B5	CC2

Recommended PCB Layout
Top View

ASSEMBLY REFERENCE



PACKAGING

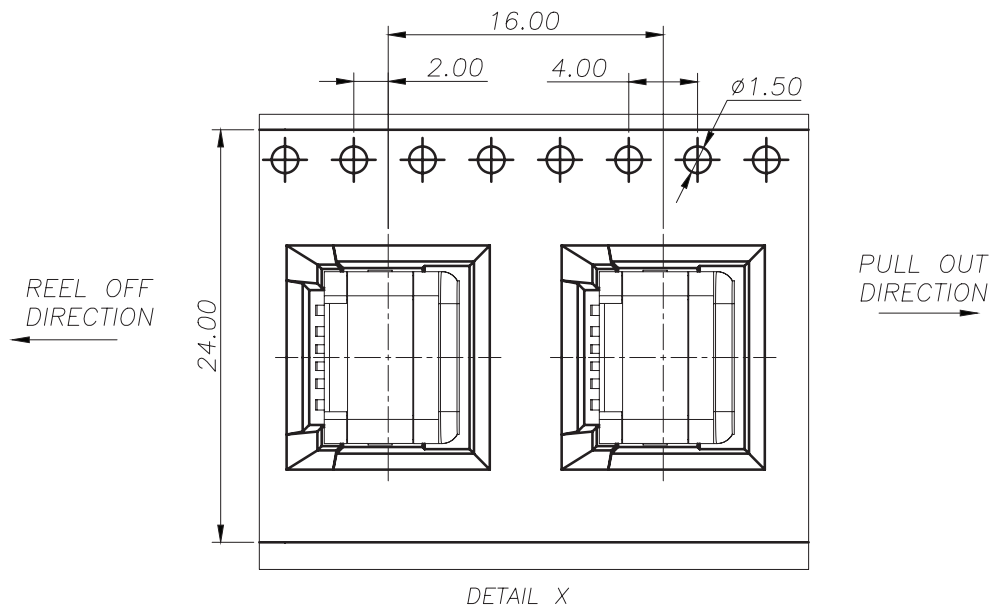
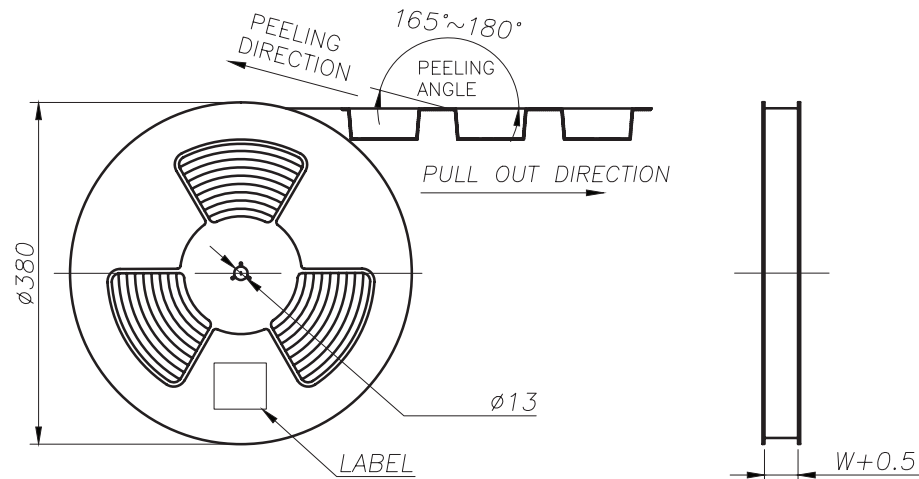
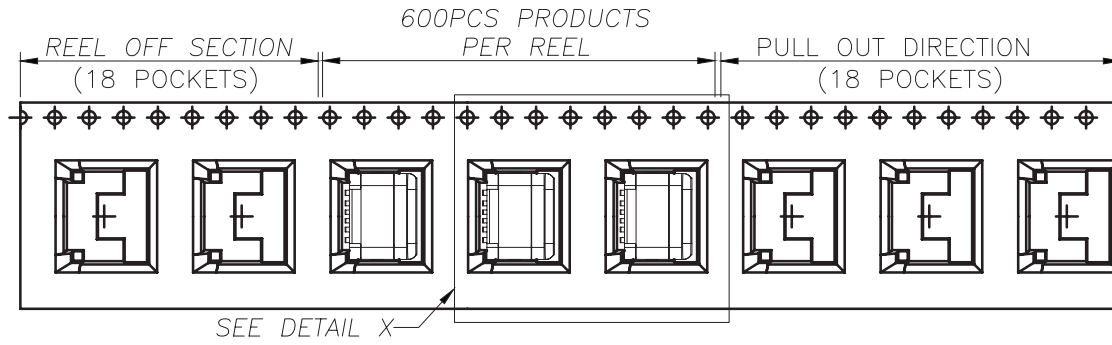
units: mm

Reel Size: $\varnothing 380$

Reel QTY: 600 pcs per reel

Carton Size: 340 x 340 x 320 mm

Carton QTY: 6,000 pcs



REVISION HISTORY

rev.	description	date
1.0	initial release	07/30/2024
1.01	CUI Devices rebranded to Same Sky	09/12/2024
1.02	updated tolerance	05/01/2025

The revision history provided is for informational purposes only and is believed to be accurate.



Same Sky offers a one (1) year limited warranty. Complete warranty information is listed on our website.

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