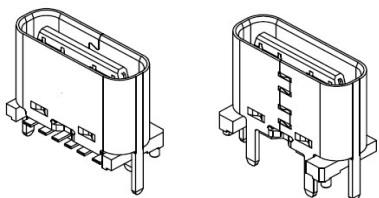


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Specifications

Specifications

Material

Insulator: PA9T, UL 94V-0, Black
Contact: Copper Alloy
Shell: Stainless Steel
Middle Plate: Stainless Steel

Plating

Contact
Contact Area: Gold Flash Over 50µ" min. Nickel
Solder Tails: Gold Flash Over 50µ" min. Nickel
Shell: 30µ" min. Nickel
Middle Plate: Clear

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

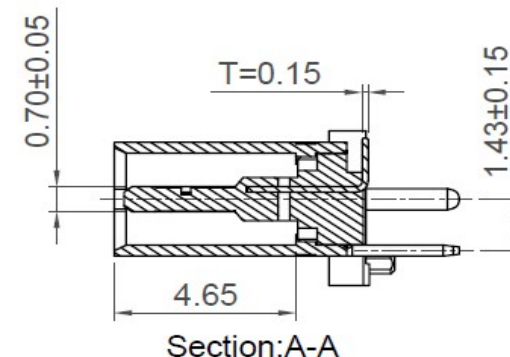
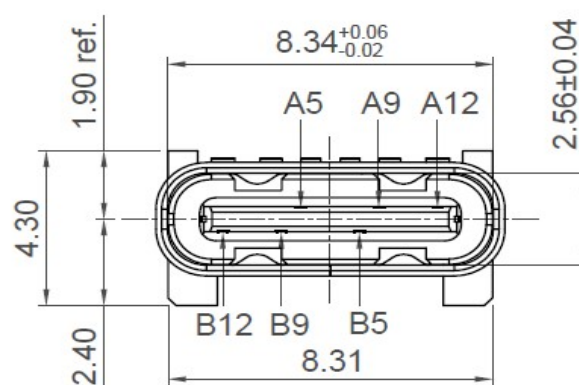
Contact Resistance: 40mΩ max initial.
50mΩ max after test

Dielectric Withstanding Voltage: 100V AC
Insulation Resistance 100MΩ min

Mechanical & Environmental

Operating Temperature: -25°C to +85°C
Mating Force: 5 to 20 N.
Unmated Force: 6 to 20 N after test
Durability: 20K cycles

Drawing (dimensions all into mm)



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

**SMT USB-C- Type C Receptacle,
Vertical, Power Charging 6P
H=6,50mm**

Part No.: **T64341**

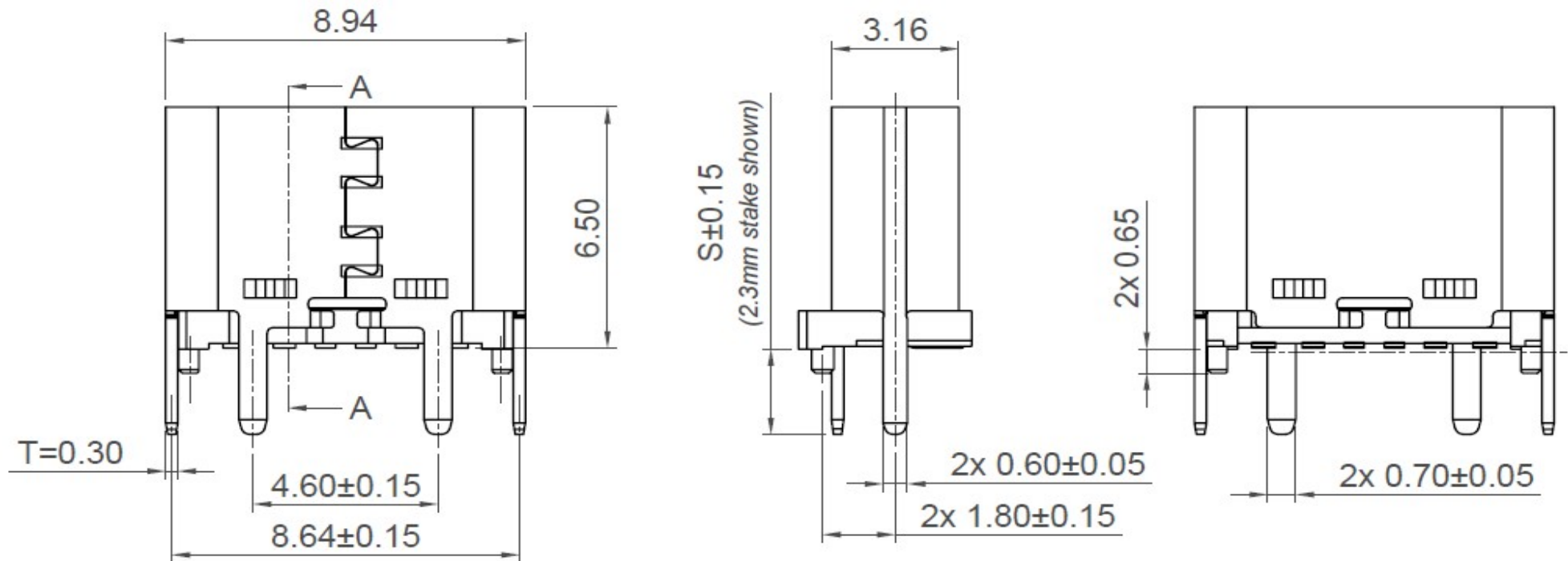
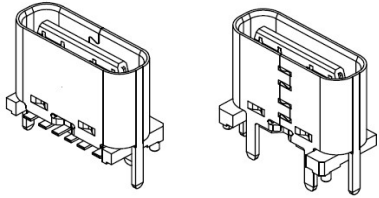
DRW:	Jason	CHKD	Wilson	MATL:	Wilson	TOLERANCE	Mason	DATE	03.02.2026
APPD:	Schumi			FINISH	Jamy		Sheet No.	1 from 6	

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**SMT USB-C- Type C Receptacle,
Vertical, Power Charging 6P
H=6,50mm**

Part No.: **T64341**

Customer:

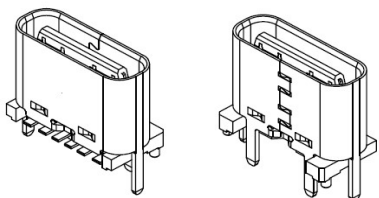
DRW:	Jason	CHKD	Wilson	MATL:	Wilson	TOLERANCE	Mason	DATE	03.02.2026
APPD:	Schumi			FINISH	Jamy		Sheet No.	2 from 6	

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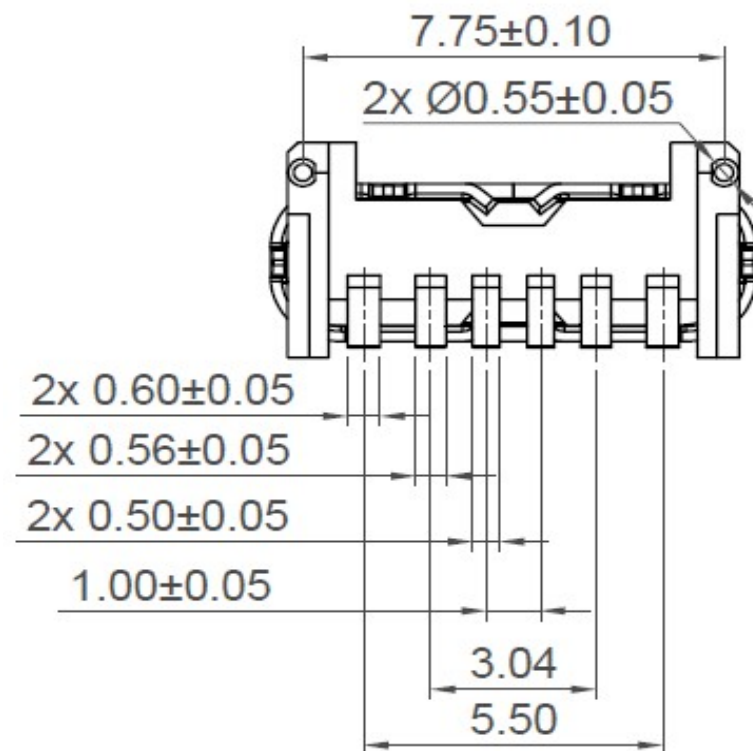
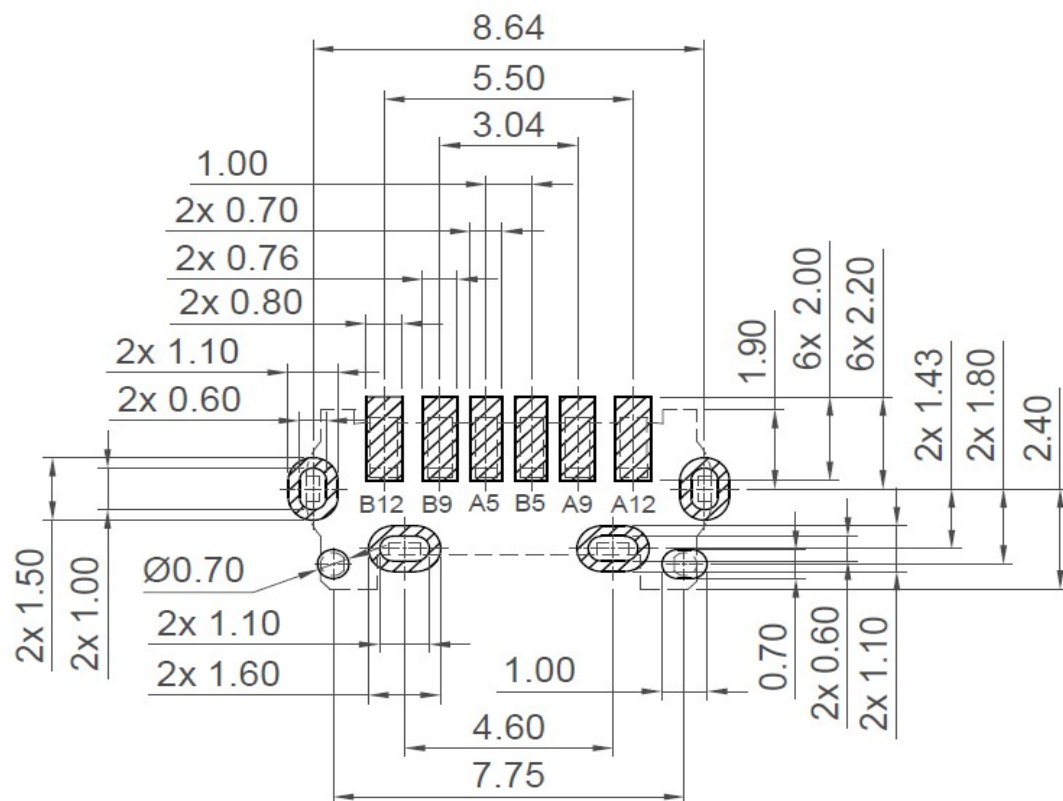
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PCB-Layout



Recommended PCB Layout

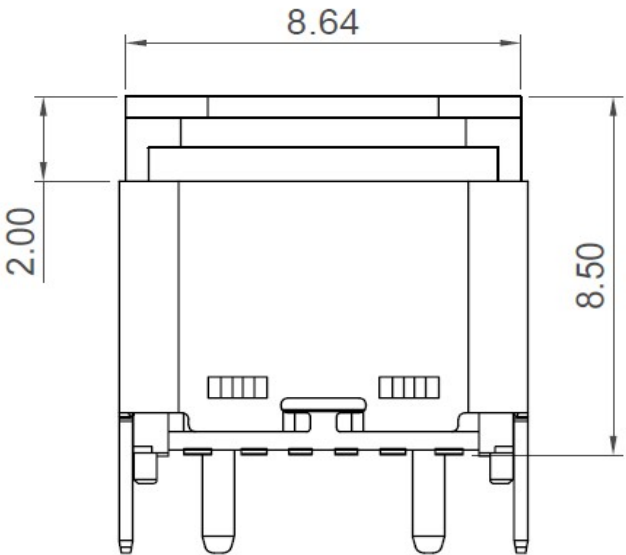
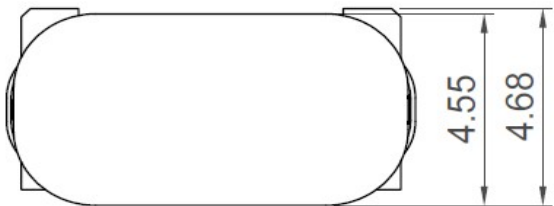
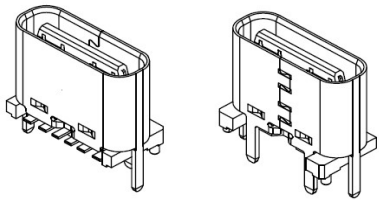
Tolerance: $\pm 0.05\text{mm}$

Solder Area Component Outline

**SMT USB-C- Type C Receptacle,
Vertical, Power Charging 6P
H=6,50mm**

Part No.: **T64341**

DRW:	Jason	CHKD	Wilson	MATL:	Wilson	TOLERANCE	Mason	DATE	03.02.2026	Customer:
APPD:	Schumi			FINISH	Jamy		Sheet No.	3 from 6		



Cap Information

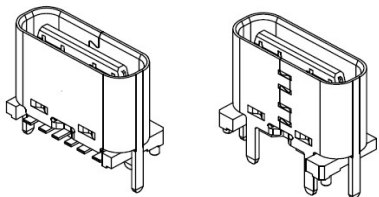
**SMT USB-C- Type C Receptacle,
Vertical, Power Charging 6P
H=6,50mm**

Part No.: **T64341**

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Customer:

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Ordering Informations

Serie	Color Inside	Shell Material	Insulator Material	Contact Material	Contact Plating	Special function	Packing	Packing		
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T64341	-	BK	CA	P	CA	G0	0	R	TR	
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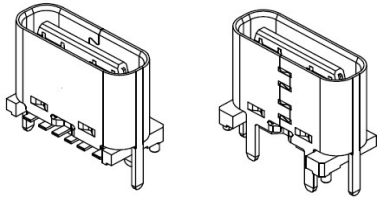
BK = Black Color	CA = Copper Alloy	PA = PA 6T	CA = Copper Alloy	G0 = Gold Flash (Standard)		R = ROHS conform	BU = Bulk Ware
	I = Iron			G1 = 3μ Gold	0 = No Special function	N = NON ROHS conform	TY = Tray Packing
	S = Stainless Steel			G1 = 5μ Gold			TR = Tape / Reel w. Pic and Place Foil
				G1 = 10μ Gold			
				G1 = 15μ Gold			
				G1 = 30μ Gold			IV = Individual Packing

**SMT USB-C- Type C Receptacle,
Vertical, Power Charging 6P
H=6,50mm**

Part No.: **T64341**

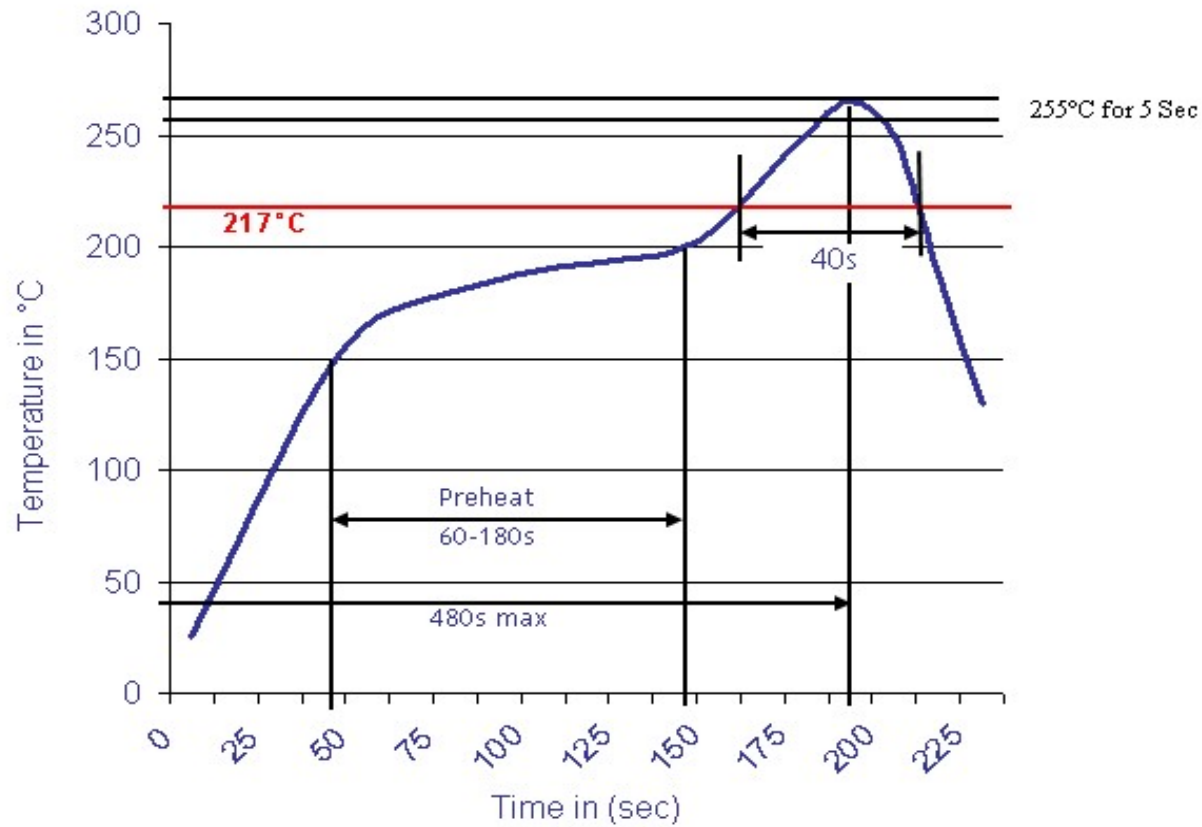
DRW:	Jason	CHKD	Wilson	MATL:	Wilson	TOLERANCE	Mason	DATE	03.02.2026
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Customer:



Soldering Profile Curve

Classification Reflow Profile (JEDEC J-STD-020C)



**SMT USB-C- Type C Receptacle,
Vertical, Power Charging 6P
H=6,50mm**

Part No.: **T64341**

Customer:

DRW:	Jason	CHKD	Wilson	MATL:	Wilson	TOLERANCE	Mason	DATE	03.02.2026
APPD:	Schumi			FINISH	Jamy		Sheet No.	6 from 6	