

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

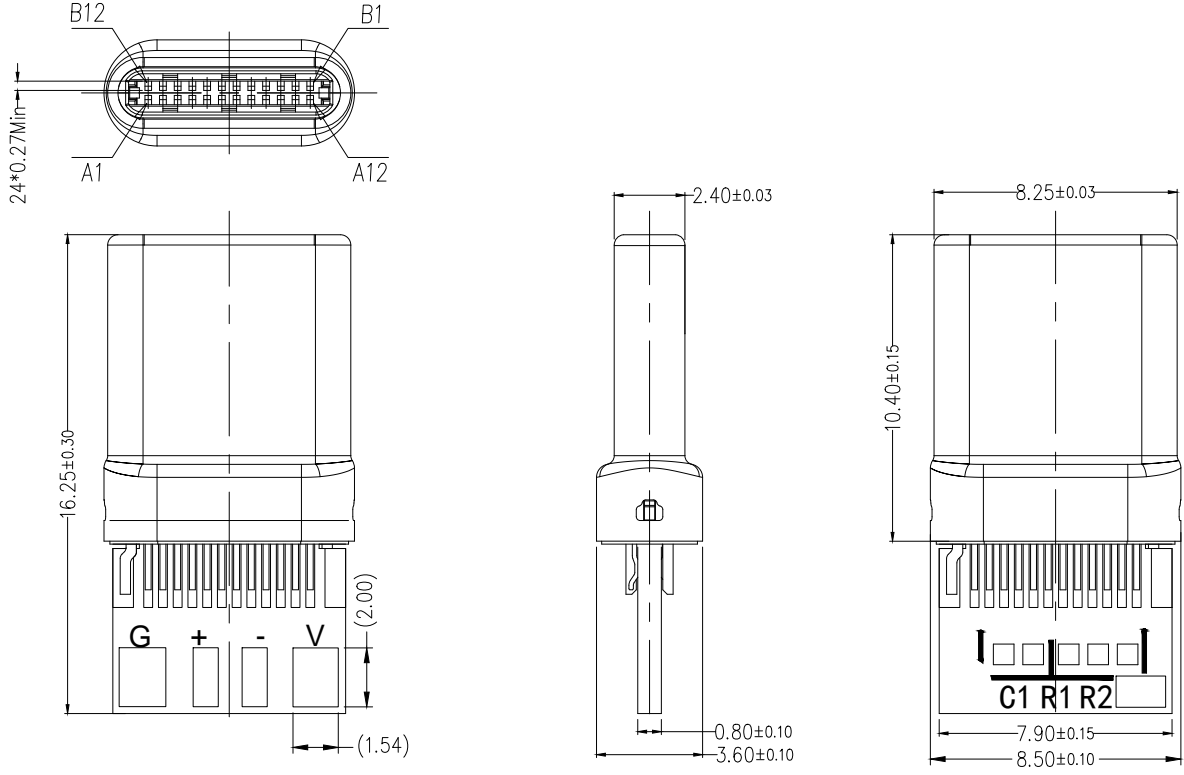
SPECIFICATION:

Electrical:  
 Current Rating: 5A Max. for VBus;  
 Voltage Rating: 20V Max.;  
 Dielectric Withstanding volage: 100V AC;  
 Contact resistance: 40 mΩ Max.;  
 Insulation Resistance: 100 MΩ Min.;

Environmental:  
 Operating temperature: -40°C~+85°C;  
 Salt Spray Test: 48H Min.;  
 Wetting Temperature: 265±5°C, 5±0.5s

Mechanical:  
 Mating force: 5-20N;  
 Unmating force: Initial: 8-20N; Final: 6-20N;  
 Durability: 10000 Cycles;  
 Shell withdrawal force: 15Kgf. (Joining Force);

Material:  
 Housing: LCP (UL94-V0), Black  
 Shell: SUS, NI Plated  
 Molding: LCP (UL94-V0), Black  
 Terminal: Copper Alloy, Gold Plated  
 Latch: SUS, Nickel Underplate Min. 30-70μ", Solder Tail  
 Area Matte Tin 80-150μ"  
 Spring: SUS  
 PCB: FR4, 2-Layer, T=0.8mm,  
 R1: 56KΩ, 1%



Plug Side	Wiring Diagram	Wire Side
A4, B4, A9, B9		VBUS
A5		
A6		D+
A7		D-
A1, B1, A12, B12, Shell		GND

Circuits	A	B	Circuits
A1	GND	GND	B12
A2	-	-	B11
A3	-	-	B10
A4	VBUS	VBUS	B9
A5	CC1	-	B8
A6	DP1	-	B7
A7	DN1	-	B6
A8	-	-	B5
A9	VBUS	VBUS	B4
A10	-	-	B3
A11	-	-	B2
A12	GND	GND	B1

 THIRD ANGLE PROJECTION DESIGN UNITS mm SCALE 5:1 SIZE A4	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY LEO	DATE 28/OCT/21	PART NO. FUS6207-MWBK	ITEM NO. FUS6207	 Building Technology Cornerstone
	X. ±0.30	X.* ±5'	CHECKED BY GISELLE	DATE 28/OCT/21	TITLE USB C-type 180° Vertical Male(Welding)		
	X.XX ±0.15	X.XX* ±1'	DRAWN BY PYD	DATE 28/OCT/21	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
	X.XXX ±0.10	X.XXX* ±0.5'					