



**SPECIFICATIONS**  
 Voltage Rating: 30V Max  
 Current Rating: 5A Max  
 Withstanding: 100V AC  
 Contact Resistance: 40mΩ Max.  
 Insulation Resistance: 100MΩ Min.  
 Insertion Force: 5~20N  
 Extraction Force: 8~20N  
 Durability: 10000 Cycles  
 Operating Temp: -55°C to +85°C

Item	Name	Material
1	Contact	Copper Alloy, Gold 30" Min, Nickel 80u" Min. MT 120u"
2	Molding	LCP, UL94V-0, Black
3	MID-Plate	Stainless Steel, Nickel 50u" Min.
4	EMI Pad	Stainless Steel, Nickel 50u" Min.
5	Shell	Stainless Steel, Nickel 50u" Min.
6	Over-Molding	LCP, UL94V-0 Black
7	Cap	LCP, UL94V-0, Black

Series	Type	Style	Ports/Gender/Cont/ Mount	Material	Shell Plating	Contact Plating	Color
CUSB	C	PG	1F24VS	L	X	GD30	BK
USB Connector	Type C 3.1	See Drawing	Single Port Female 24 Contacts, Vertical SMT	L=LCP	N=Nickel (std)	30μ" Gold	BK=Black

RoHS compliant

Rev.	Description	Date	Approved	Drawing	Name	Date
A	DWG, SPEC	2/18/16	GL	Approved	Howard	11/6/15
				Checked	Lizzy	11/6/15
				Drawn	Tina	11/6/15
				0.0 ± 0.35	0.00 ± 0.20	Angles ± 3'
				UNIT: mm		

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Part No.: **CUSB-C-PG-1F24VS-L-N-GD30-BK**

Description: USB Type C 3.1 Female Shielded Vertical SMT w/ Locating Pegs