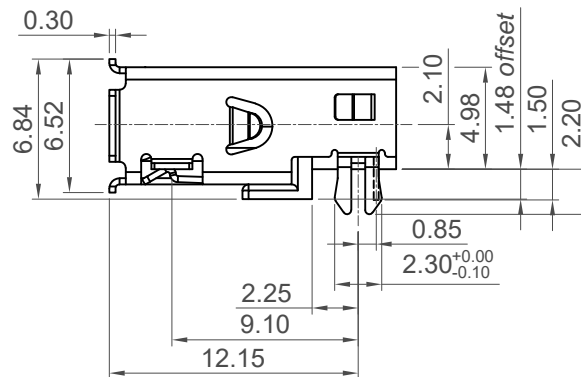


Recommended PCB Layout

Thickness: 1.2mm General Tolerance: ± 0.05
as viewed from bottom side

■ Solder Area □ Component Outline



Ordering Grid

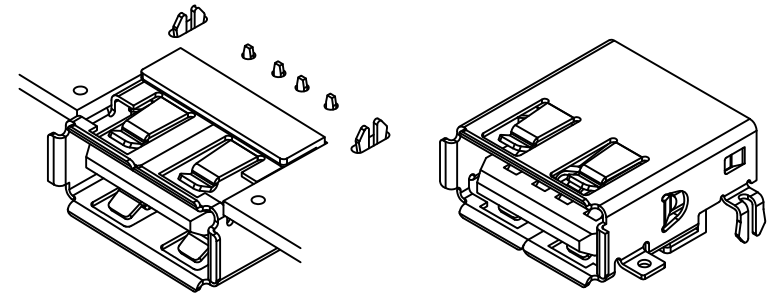
USB1020 - XX - L - A

Request Samples and Quotation

Contact Plating
GF = Gold Flash (Standard)
15 = 15μ" Gold

Packing Options
A = Tape & Reel
(350 per Reel)

Insulator Material
L = LCP



Specifications

Material

Plastic Housing: Thermoplastic, LCP, UL94V-0, Black
Contact Terminal: Brass
Metallic Shell: Brass

Plating

Underplating: 50μ" Nickel
Contact Area: Gold Flash or 15μ" Gold
Solder Tails: 50μ" Tin
Metallic Shell: Nickel

Electrical:

Voltage Rating: 30V
Current Rating: 1.5A
Operating Temperature: -40°C to +85°C
Contact Resistance: 30 mΩ max.
Insulating Resistance: 1000 MΩ min.
Dielectric Withstand Voltage: 500V AC

Mechanical & Environmental

Mating Force: 35N (3.57Kgf) max.
Unmating Force: 10N (1.02Kgf) min.
Durability: 1,500 Cycles

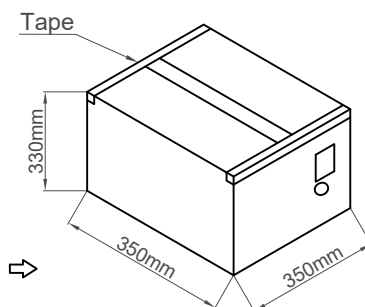
Part Number		Product Description	
USB1020		USB Rec, Type A, Mid Mnt, 1.48mm Offset, Through-Hole	
Drawing Date		Horizontal, Bottom Mount, w/Shell Stakes & SMT Holdowns	
14th February 2011			
By	CC	Tolerances (Except as Noted)	Units:
Detail	Drawing Release	Length	Metric (mm)
Revision	A4	Angle	
Date	02/11/23	X.X ± 0.35	X.° ± 3.0°
		X.XX ± 0.25	X.X° ± 1.5°







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Not to Scale
Drawn By SA
Sheet No. 1/2



Part Number	Pcs./Reel	Reels/Carton	Pcs./Carton
USB1020	350	8	2800

Part Number		Product Description			<div> www.gct.co</div>		
USB1020		USB Rec, Type A, Mid Mnt, 1.48mm Offset, Through-Hole Horizontal, Bottom Mount, w/Shell Stakes & SMT Holdowns					
Drawing Date							
14th February 2011							
By	CC	Tolerances (Except as Noted)		Units:	<div>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</div>		
Detail	Drawing Release	Length	Angle	Metric (mm)			
Revision	A4	 Third Angle Projection					
Date	02/11/23						
					Not to Scale	Drawn By SA	Sheet No. 2/2

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[USB1020-GF-L-A](#)