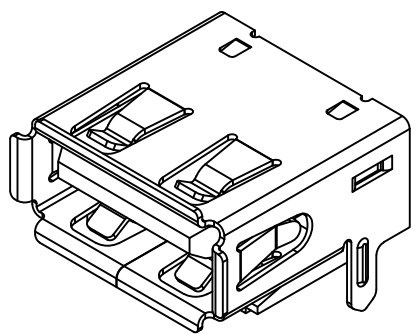
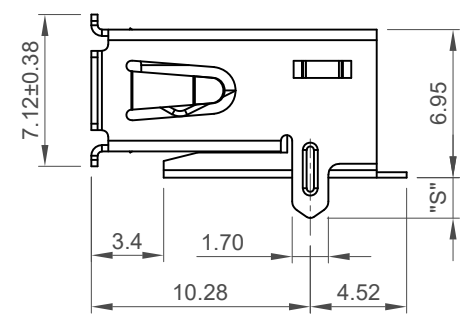


Recommended PCB Layout (Top View)
T=1.4mm (General Tolerances: ±0.05mm)
 ▨ Solder Area □ Component Outline



Specifications

Materials & Plating

Plastic Housing: LCP, UL94V-0, Black
 Contact Terminal: Copper Alloy
 Metallic Shell: SPCC

Plating:

Underplating: 50µ" Nickel
 Contact Area: Gold Flash
 Solder Tails: 50µ" Tin
 Metallic Shel: 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:

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

Ordering Grid

USB1046 - **GF** - **XXXX** - **L** - **B** - **X** [Request Samples and Quotation](#)

Contact Plating
 GF = Gold Flash

Shell Stake Length "S"
0190 = 1.9mm (Standard)
 (for 1.60mm thick PCB)
0270 = 2.7mm
 (for 2.00mm thick PCB)

Packing Options
A = Tape & Reel (Standard)
 (260 per reel)
 B = Tray

Insulator Colour
 B = Black

Insulator Material
 L = LCP

Part Number		Product Description	
USB1046		USB Receptacle, Type A, 4 Pin, Surface Mount,	
Drawing Date		Horizontal, Top Mount, with Shell Stakes	
8th September 2014			
By	CC	Tolerances (Except as Noted)	Units:
Detail	USB1046	Length	Metric (mm)
Revision	B PCN	Angle	
Revision	B4	X.X ± 0.35	X." ± 3°
Date	13/05/22	X.XX ± 0.25	X.X" ± 1.5°
		3rd Angle Projection	
		RoHS COMPLIANT 2011/65/EU	
		Deca-SIDE	
		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	
		Not to Scale	
		Drawn By AJO	
		Sheet No. 1/2	



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[USB1046-GF-0190-L-B-A](#) [USB1046-GF-0270-L-B-A](#)