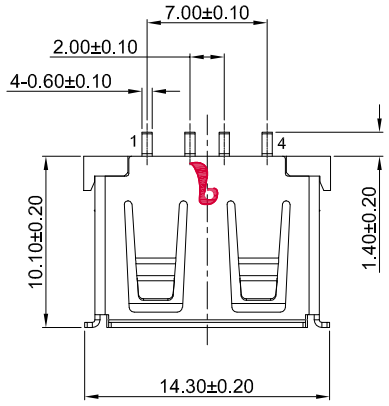
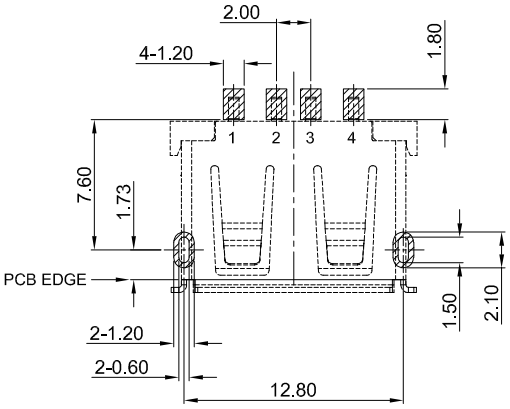
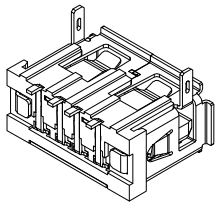
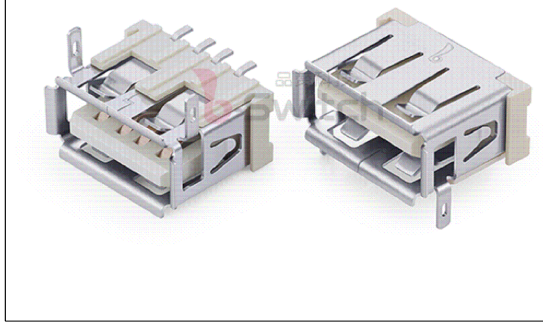




RECOMMENDED PCB LAYOUT
TOLERANCE:±0.05





GT-2A9003X-S N W GX-48

DETAIL
D=With flanging no column
F=No flanging no column

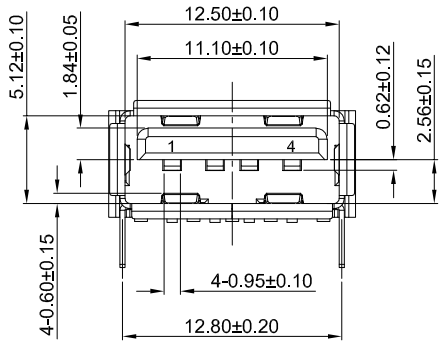
Shell Material
S=SUS

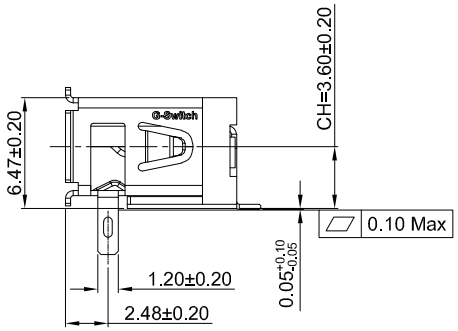
Shell Plating
N=Ni

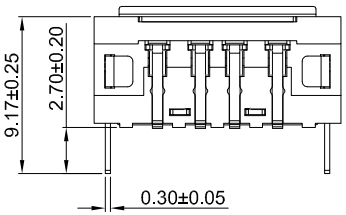
Housing Colour
W=White

Terminal Plating
G0=G/F
G1=1u
G3=3u
...

Salt Spray
48=48H







G-Switch USB-2.0 Specification:
1.Current rated: 3.0A
2.Voltage rating: 20V DC
3.Dielectnic withstanding Voitage:500V AC
4.Contact resistance: 30mΩ Max
5.Insulation resistance: 1000MΩ Min
6.Operating temperature: -40°C ~ +85°C
7.Mating force: 35N Max
8.Unmating force: 10N Min
9.Durability:3,000cycles

4	GND
3	D+
2	D-
1	VBUS
PIN	NAME
PIN ASSIGNMENT	

NO.	PARTS	MATERIAL	REMARKS
1	SHELL	STAINLESS STEEL301	Ni30u"MIN PLATED
2	HOUSING	HIGH TEMPERATURE PLASTIC	LCP 30%GF WHITE UL 94 V-0
3	TERMINALS	COPPER ALLOY C5191	G/F PLATING ON CONTACT AREA Tin30u" MIN PLATING ON SODER AREA

Pb Process Capable
RoHS Compliant
EU RoHS Standards

SCALE: 1:1	UNIT: mm	Title:	Horizontal USB 2.0 AF SMT CH=3.6 L=10.1mm
SIZE: A4		Molde Code:	GT-2A9003D-SNWGX-48

Unless otherwise General Tolerance:

X.x	±0.30
X.xx	±0.20
X.xxx	±0.10
X.x°	±3°

DRAWN	CHECKED	APPROVED	DATE
Xia	Chen	Chen	2024.03.10

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www.dg-switch.com

REV: A0 SHEET: 1/1

品赞电子（东莞）有限公司

Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

G-Switch:

GT-BTP30004-0720B-015A GT-BTP30007-0240B-019B GT-BTP30007-0720B-015A GT-USB-7010EN GT-USB-7010H SS-23H02-G080 ST-0275S00-082-182 GT-USB-7093B GT-B0803MSV20-10B0401 GT-BTP30004-0350B-019B GT-TC155A-H0060-L50 GT-USB-7084B GT-BTR20008-0460A-004A GT-BTP30006-0650B-015A GT-TC025D-H0065-L1 GT-USB-2201 GT-TC079A-H0040-L1 GT-BTP16006-0180B-014B GT-BTP25004-0400A-010A GT-TCB73B-H090-L1 GT-USB-7012D GT-B0803MSV20-60B0401 GT-BTP30006-0500B-015A GT-USB-6017 GT-BTP30007-0350B-019B GT-TC074A-H050-L1 GT-TC193A-H0675-L1 GT-USB-7019D GT-F0502SR20-04SMT01 GT-B0403FSV19-50B1101