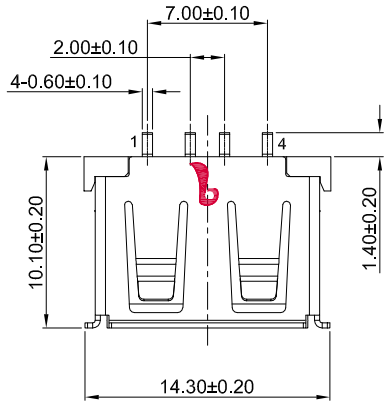
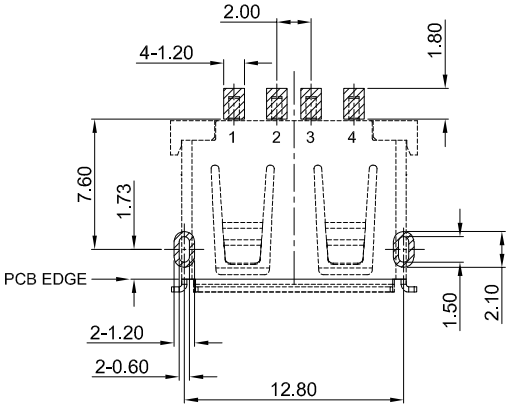
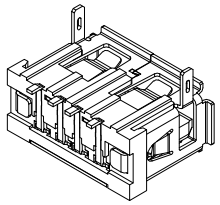




RECOMMENDED PCB LAYOUT
TOLERANCE:±0.05





GT-2A9003X-S N W GX-48

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

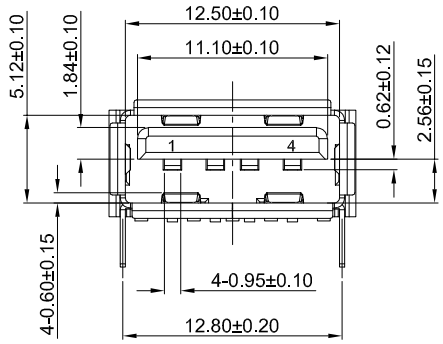
Shell Material
S=SUS

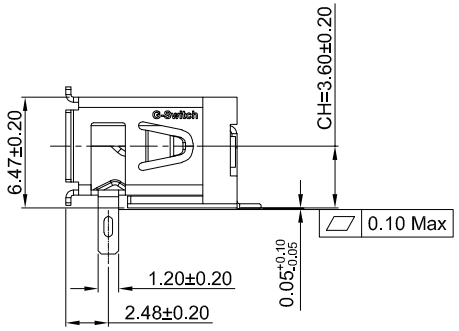
Shell Plating
N=Ni

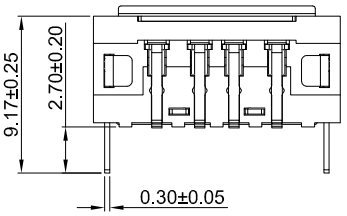
Housing Colour
W=White

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

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

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-SNWG0-48

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

品赞科技
b-Switch
www.dg-switch.com

REV: A0 SHEET: 1/1

品赞电子（东莞）有限公司