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品赞电子（东莞）有限公司

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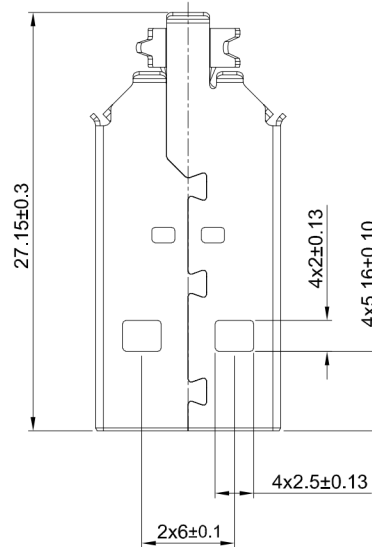
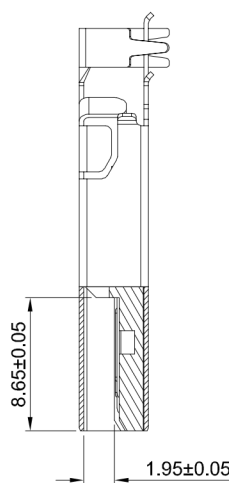
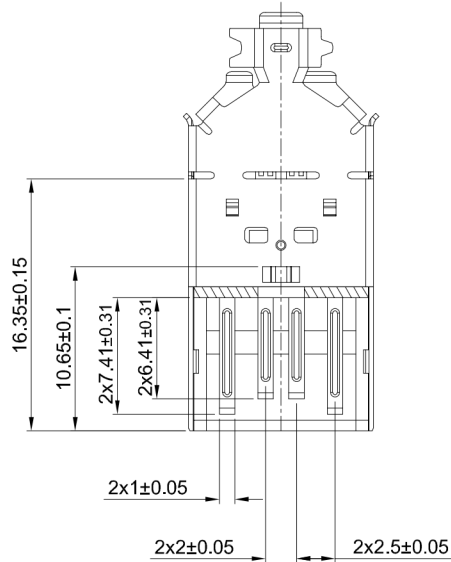
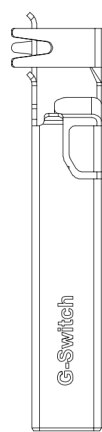
A

B

G-Switch Technology (Dongguan) Co., Ltd

D

E



GT-2A90010- 0 0 0 G0 00

DETAIL

A= OD3.2
B=OD4.5
C=OD5.3

Shell Material

F=Ferroalloy
C=Copper alloy

Shell Plating

N=Ni
G=Gold

Housing Colour

N=Black
W=White
G=Green

Terminal Plating

GF=G/F
G3=3u
G5=5u

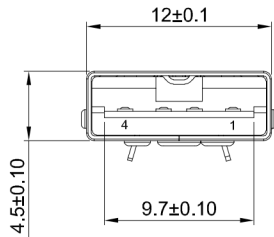
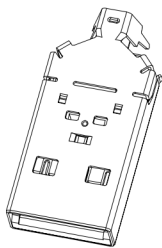
Salt Spray

24=24H
48=48H

USB IF TID:13464

G-Switch USB-2.0 Specification:

- 1.Current rated: 1.5A
- 2.Voltage rating: 30V DC
- 3.Dielectric withstanding Voltage: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



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

1	SHELL	FERROALLOY	NI30uMin PLATED
2	HOUSING	HIGH TEMPERATURE PLASTIC	PBT BLACK UL 94 V-0
3	TERMINALS	COPPER ALLOY	Au G/F PLATING ON CONTACT AREA
NO.	PARTS	MATERIAL	REMARKS



SCALE: 1:1	UNIT: mm	Title: USB 2.0 AM Soldered Type L=27.15mm			
SIZE: A4		Molde Code: GT-2A90010-000G0-00			
Unless otherwise General Tolerance: X.x ±0.30 X.xx ±0.20 X.xxx ±0.10 X.x° ±3° X.xx° ±2°		DRAWN	CHECKED	APPROVED	DATE
		Xia	Chen	Chen	2022/02/01



REV: A0 SHEET: 1/1

A

B

G-Switch Technology (Dongguan) Co., Ltd

D

E

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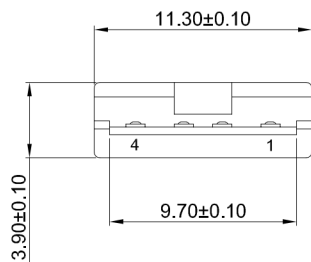
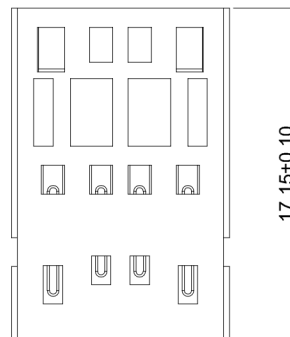
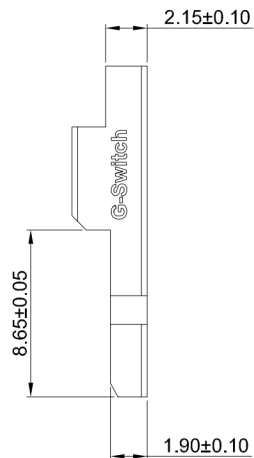
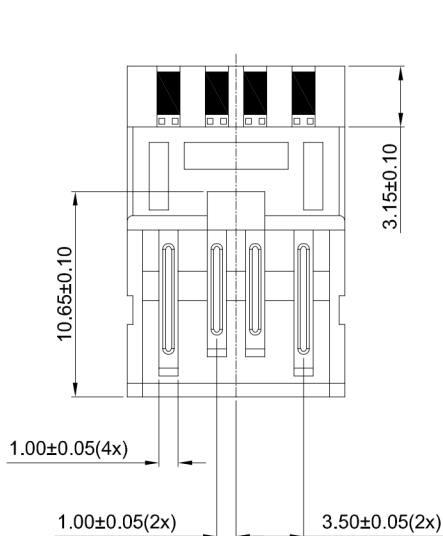
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4

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Add Tin



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

1	HOUSING	HIGH TEMPERATURE PLASTIC	PBT BLACK UL 94 V-0
2	TERMINALS	COPPER ALLOY	Au30u" MIN PLATING ON CONTACT AREA
NO.	PARTS	MATERIAL	REMARKS



SCALE: 1:1 UNIT: mm
SIZE: A4

Unless otherwise
General Tolerance:
X..x ±0.30
X..xx ±0.20
X..xxx ±0.10
X..x° ±3°
X..xx° ±2°

Title: USB 2.0 AM Soldered Type Housing
L=17.15mm

Molde Code: GT-2A9001H-0G0

DRAWN	CHECKED	APPROVED	DATE
Xia	Chen	Chen	2022/3/12/2021



REV: A0 SHEET: 1/1

GT-2A9001H-0 G0

Fit Code
H=Housing

Housing Colour
N=Black
W=White
G=Green

Terminal Plating
GF=G/F
G3=3u
G5=5u

USB IF TID:13464**G-Switch USB-2.0 Specification:**

- 1.Core material: PBT halogen-free
- 2.Terminal material: 4P brass
- 3.Terminal coating: Sn:60u"Min Welding area,
Au plating on contact area.

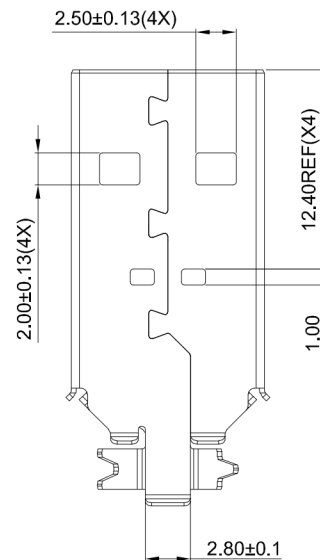
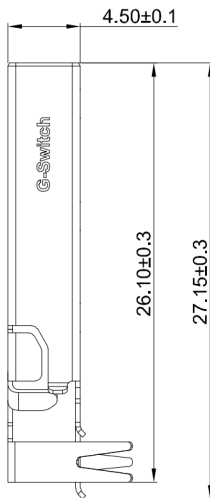
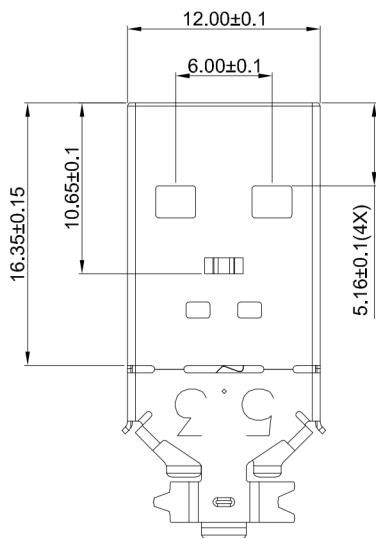
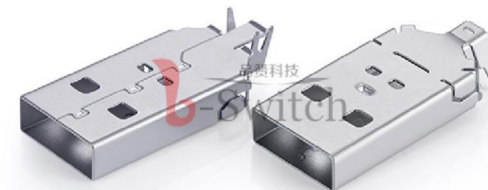
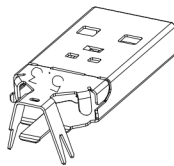
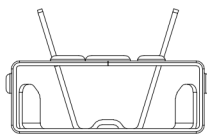
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GT-2A9001S-F 0 53 00

Fit Code

S=Shell

Shell Material

F=Ferroalloy

Shell Plating

N=Ni

G=G/F

Salt Spray

24=24H

48=48H

OD Wire Diameter

53=5.3

USB IF TID:13464

G-Switch USB-2.0 Specification:

- 1.Core material: SPCC T=0.30
- 2.Appearance: There should be no defects such as deformation, tearing, compression, etc
- 3.Good compatibility with the rubber core
- 4.Plating: Nickel plating or gold plating G/F

SCALE: 1:1 UNIT: mm

SIZE: A4

Title: USB 2.0 AM Soldered Type Shell
OD5.3 L=27.15mm

Molde Code: GT-2A9001S-F05300

Unless otherwise
General Tolerance:

X..x	±0.30
X..xx	±0.20
X..xxx	±0.10
X..x°	±3°
X..xx°	±2°

DRAWN	CHECKED	APPROVED	DATE
Xia	Chen	Chen	2022/3/22/2021

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b-Switch
www.dg-switch.com

REV: A0

SHEET: 1/1

1	SHELL	FERROALLOY SPCC	Ni30u"MIN PLATING OR GOLD PLATING G/F
NO.	PARTS	MATERIAL	REMARKS

1

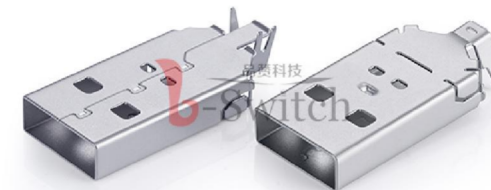
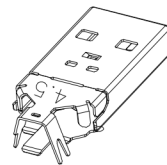
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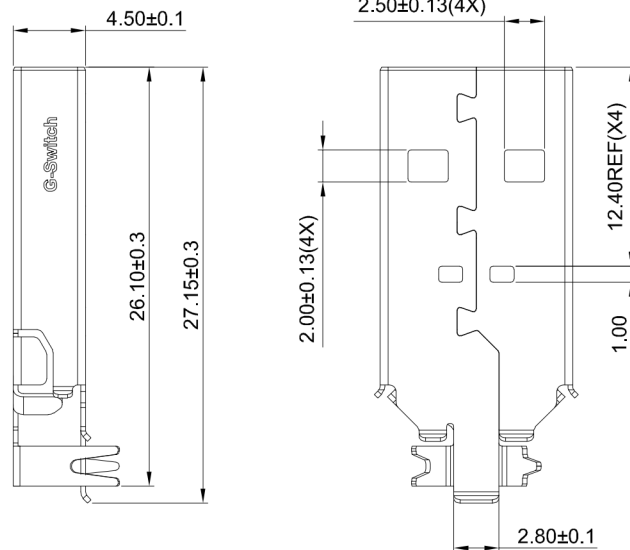
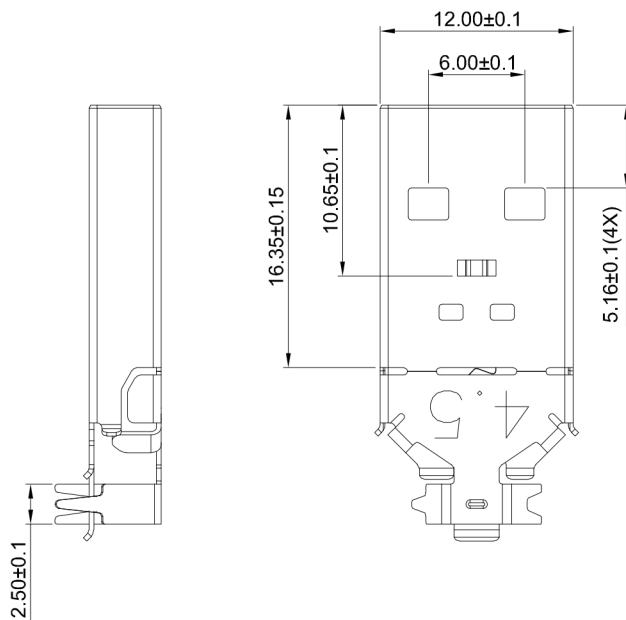
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GT-2A9001S-F 0 45 00

Fit Code
S=Shell

Shell Material
F=Ferroalloy

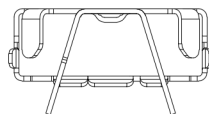
Shell Plating
N=Ni
G=G/F

Salt Spray
24=24H
48=48H

OD Wire Diameter
45=4.5

2

4



USB IF TID:13464

G-Switch USB-2.0 Specification:

- 1.Core material: SPCC T=0.30
- 2.Appearance: There should be no defects such as deformation, tearing, compression, etc
- 3.Good compatibility with the rubber core
- 4.Plating: Nickel plating or gold plating G/F

4

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1	SHELL	FERROALLOY SPCC	Ni30u" PLATING OR GOLD PLATING G/F
NO.	PARTS	MATERIAL	REMARKS



RoHS
Compliant
EU RoHS Standards



SCALE: 1:1 UNIT: mm
SIZE: A4

Unless otherwise
General Tolerance:
X..x ±0.30
X..xx ±0.20
X..xxx ±0.10
X..x° ±3°
X..xx° ±2°

Title: USB 2.0 AM Soldered Type Shell
OD4.5 L=27.15mm

Molde Code: GT-2A9001S-F04500

DRAWN	CHECKED	APPROVED	DATE
Xia	Chen	Chen	2022/3/22/2021

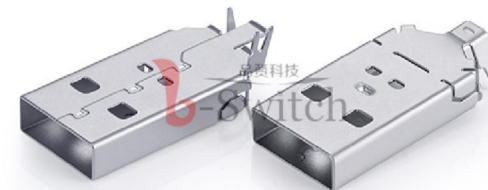
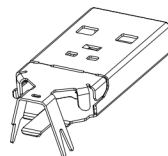
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www.dg-switch.com

REV: A0

SHEET: 1/1

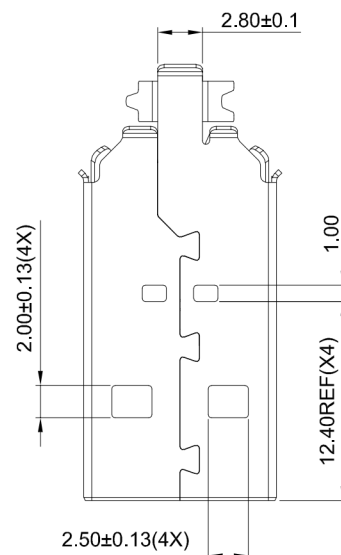
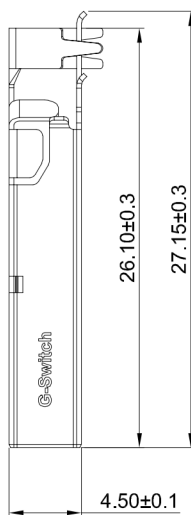
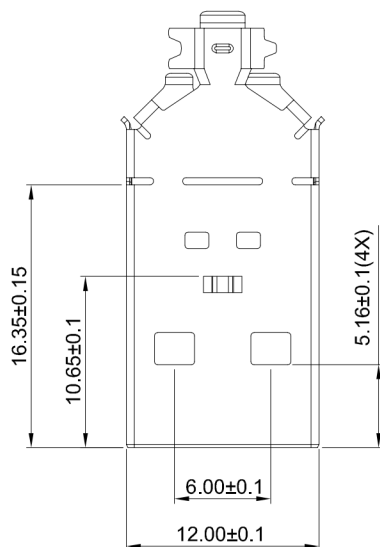
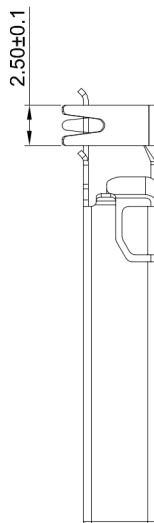
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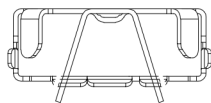


GT-2A9001S-F 0 32 00

Fit Code
S=ShellShell Material
F=FerroalloyShell Plating
N=Ni
G=G/FSalt Spray
24=24H
48=48HOD Wire Diameter
32=3.2

2

4



USB IF TID:13464

G-Switch USB-2.0 Specification:

- 1.Core material: SPCC T=0.30
- 2.Appearance: There should be no defects such as deformation, tearing, compression, etc
- 3.Good compatibility with the rubber core
- 4.Plating: Nickel plating or gold plating G/F

4

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1	SHELL	FERROALLOY SPCC	Ni30u" PLATING OR GOLD PLATING G/F
NO.	PARTS	MATERIAL	REMARKS

RoHS
Compliant
EU RoHS StandardsCompliant
Halogen FreeSCALE: 1:1 UNIT: mm
SIZE: A4Unless otherwise
General Tolerance:
X..x ±0.30
X..xx ±0.20
X..xxx ±0.10
X..x° ±3°
X..xx° ±2°Title: USB 2.0 AM Soldered Type Shell
OD3.2 L=27.15mm

Molde Code: GT-2A9001S-F03200

DRAWN	CHECKED	APPROVED	DATE
Xia	Chen	Chen	2022/3/22/2021

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REV: A0

SHEET: 1/1

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