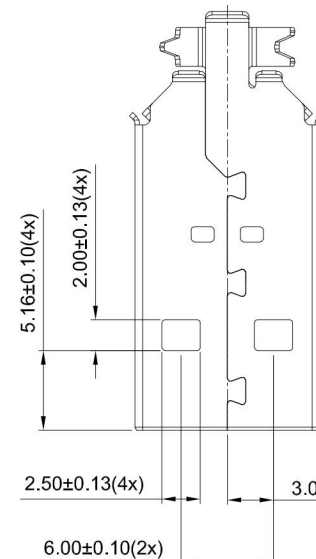
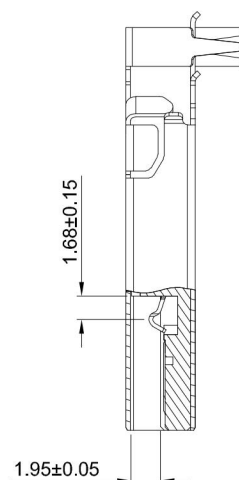
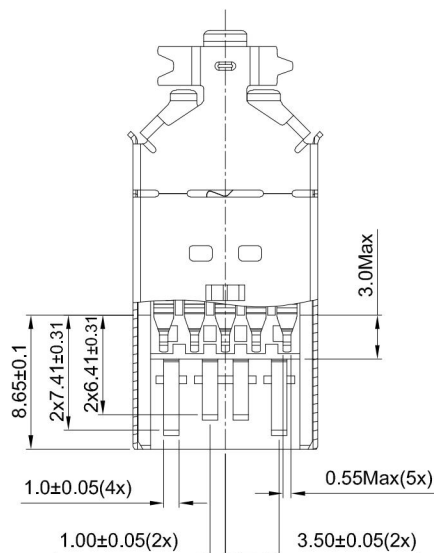
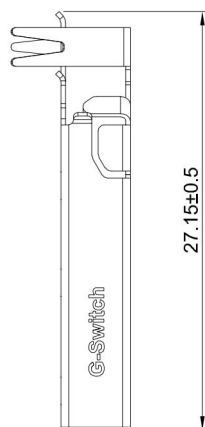


GT-3A90040-0 0 0 G0-00

DETAIL

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

Salt Spray

24=24H
48=48H

Shell Material

F=Ferroalloy

Shell Plating

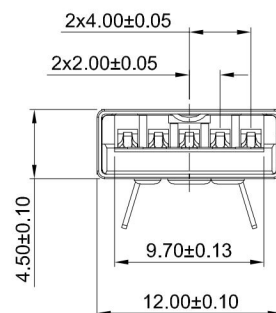
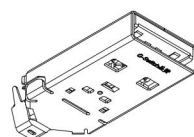
N=Ni
G=G/F

Housing Colour:

B=Blue
N=Black

Terminal Plating

G1=1u
G3=3u
G5=5u



PIN ASSIGNMENT

PIN	1	2	3	4	5	6	7	8	9
NAME	VBUS	DM-	DP+	GND	RX-	RX+	GND	TX-	TX+

USB IF TID:13479

G-Switch USB-3.0 Specification:

- 1.Current rated: 1.8A 250V AC Min
- 2.Contact Resistance: 30mΩ Max
- 3.Insulation Resistance: 100MΩ Min
- 4.Operating temperature: -40°C ~ +85°C
- 7.Mating force: 3.57kgf Max
- 8.Unmating force: 1.02kgf Min
- 9.Terminal Retention: 1.2kgf Min

1	SHELL	FERROALLOY SPCC	Ni30u"MIN PLATED
2	HOUSING	HIGH TEMPERATURE PLASTIC	PBT BLUE UL 94 V-0
3	TERMINALS	COPPER ALLOY	Au1u"MIN PLATING ON CONTACT AREA
NO.	PARTS	MATERIAL	REMARKS



RoHS
Compliant
EU RoHS Standards

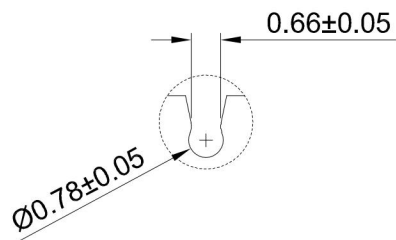
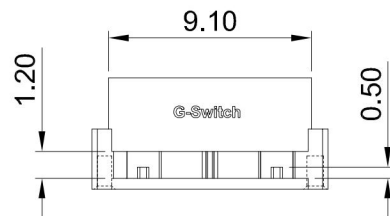


SCALE: 1:1	UNIT: mm	Title: USB 3.0 AM Soldered Type L=18.8mm			
SIZE: A4					
Unless otherwise General Tolerance:		Molde Code: GT-3A90040-000G0-00			
		DRAWN	CHECKED	APPROVED	DATE
		Xia	Chen	Chen	2023.02.0

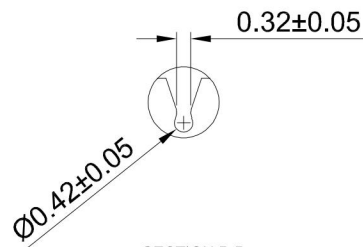


REV: A0

SHEET: 1/1



SECTION A-A
SCALE 2:1
1 4



SECTION B-B
SCALE 2:1
2 3



GT-3A 9004C - N

USB Type
3A=USB3.0 A type

TID Identity

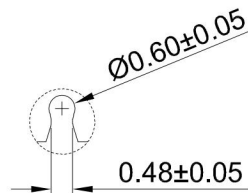
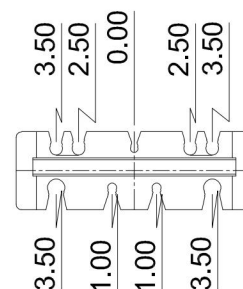
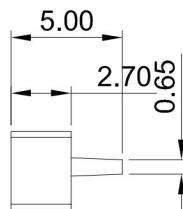
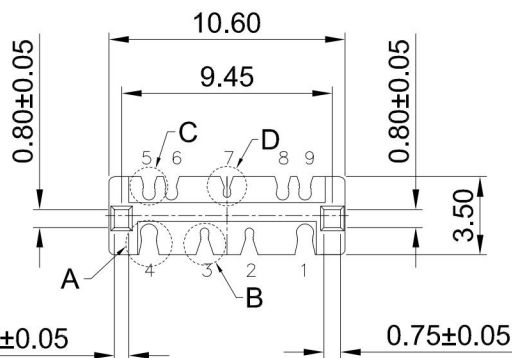
Fit Code
C=Cable clamp

Housing Colour
N=Black

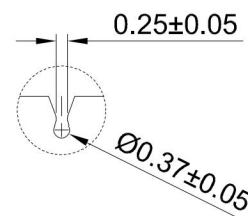
USB IF TID:13479

G-Switch USB-2.0 Specification:

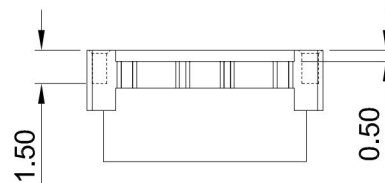
- 1.Core material: PA66 black
- 2.Appearance: The surface should not have burrs, shrinkage, deformation, missing glue, scratches, cracks, flowing patterns, spots, bubbles, etc



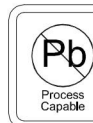
SECTION C-C
SCALE 2:1
5 6 8 9



SECTION D-D
SCALE 2:1
7



NO.	PARTS	MATERIAL	REMARKS
1	HOUSING	HIGH TEMPERATURE PLASTIC	PA66 BLACK UL 94 V-0



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Compliant
EU RoHS Standards



SCALE: 1:1 UNIT: mm
SIZE: A4

Unless otherwise
General Tolerance:

X.x ±0.20
X.xx ±0.15
X.x° ±3°

Title: USB 3.0 AM Soldered Type Cable Clamp

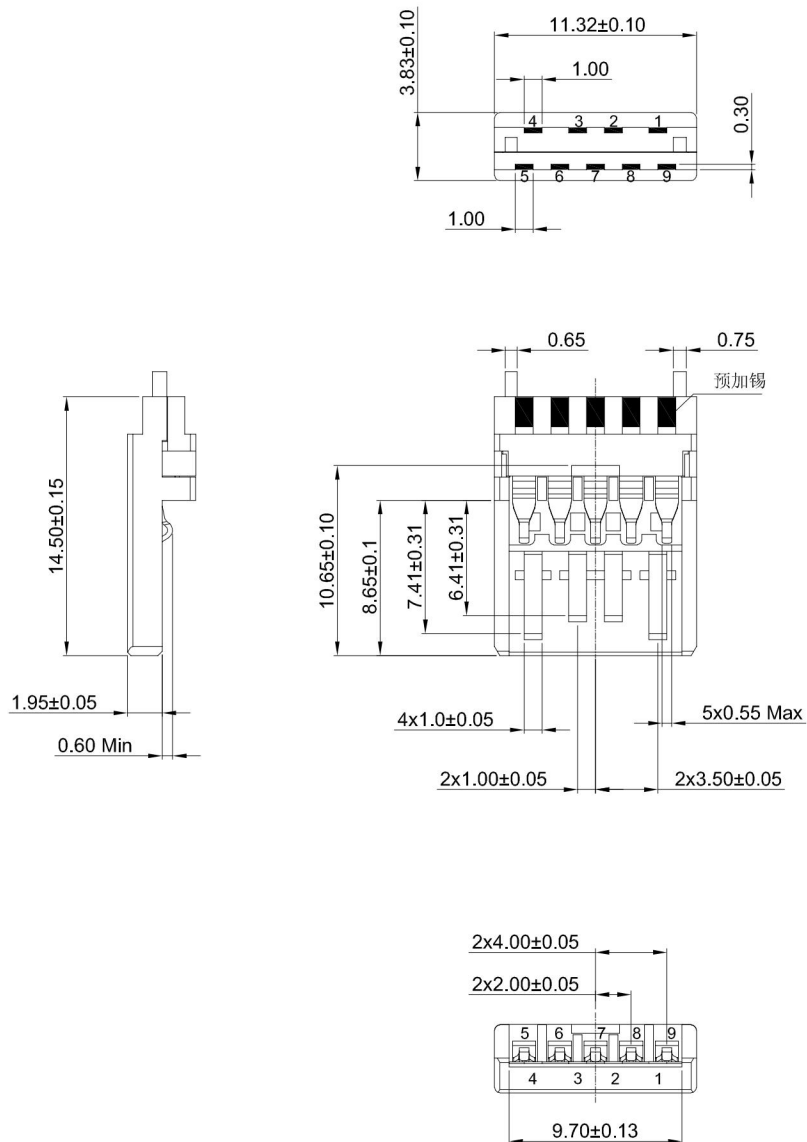
Molde Code: GT-93A004C-N

DRAWN	CHECKED	APPROVED	DATE
Xia	Chen	Chen	2023.02.01

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REV: A0

SHEET: 1/1



GT-3A 9004H - 0 G0

USB Type
3A=USB3.0 A type

TID Identity

Fit Code
H=Housing

Housing Colour
B=Blue
N=Black

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

USB IF TID:13479

G-Switch USB-2.0 Specification:

- 1.Core material: PBT
- 2.Terminal material: 4P brass+5P phosphor bronze
- 3.Terminal coating: Sn plating Welding area, Au plating on contact area.

1	HOUSING	HIGH TEMPERATURE PLASTIC	PBT BLUE/BLACK UL 94 V-0
2	TERMINALS	COPPER ALLOY+PHOSPHOR BRONZE	Au G/F MIN PLATING ON CONTACT AREA
NO.	PARTS	MATERIAL	REMARKS



RoHS
Compliant
EU RoHS Standards

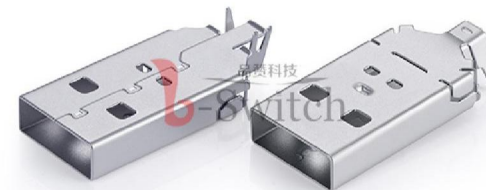
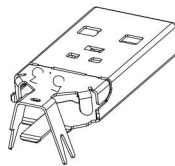
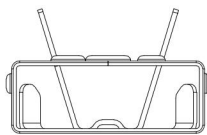


SCALE: 1:1	UNIT: mm	Title: USB 3.0 AM Soldered Type Housing L=14.5mm			
SIZE: A4		Molde Code: GT-3A9004H-0G0			
Unless otherwise General Tolerance:		DRAWN	CHECKED	APPROVED	DATE
		Xia	Chen	Chen	2023.02.01

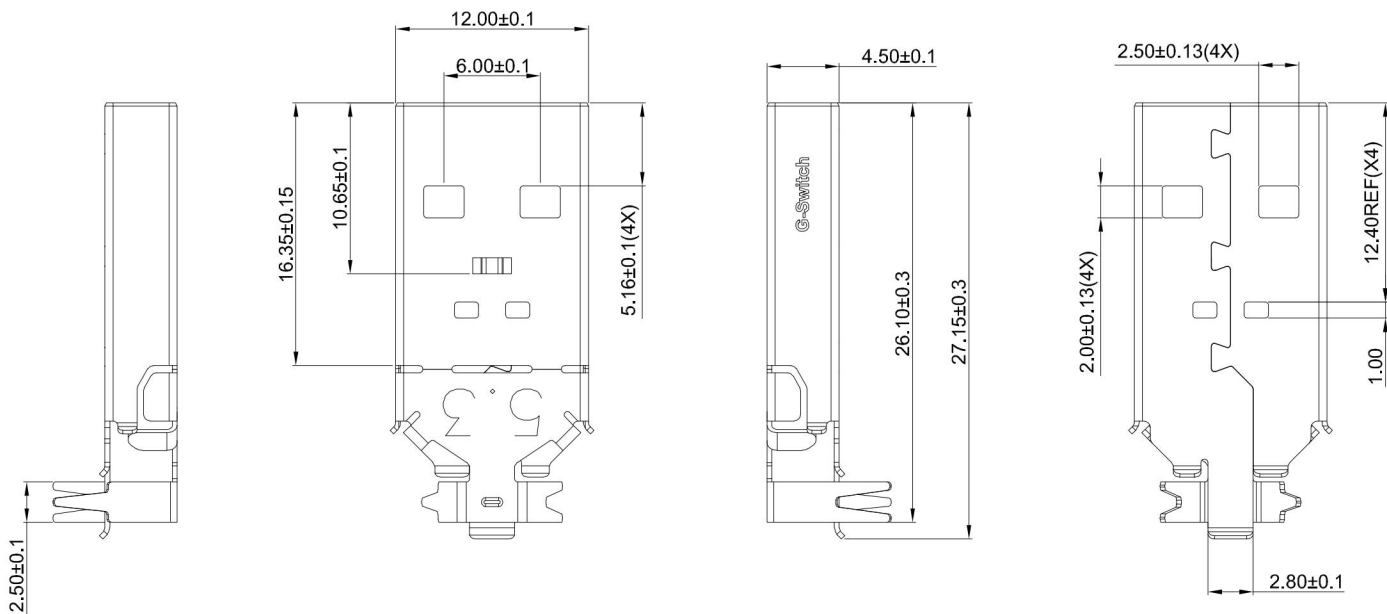
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www.dg-switch.com

REV: A0 SHEET: 1/1

1



2



GT-3A9004S-F 0 53 00

Fit Code
S=Shell

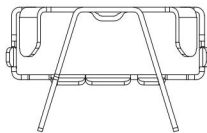
Shell Material
F=Ferroalloy

Shell Plating
N=Ni
G=G/F

Salt Spray
24=24H
48=48H

OD Wire Diameter
53=5.3

4



USB IF TID:13479

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

5

NO.	PARTS	MATERIAL	REMARKS
1	SHELL	FERROALLOY SPCC	Ni30uMIN PLATING OR GOLD PLATING G/F



RoHS
Compliant
EU RoHS Standards



SCALE: 1:1 UNIT: mm
SIZE: A4

Unless otherwise
General Tolerance:

X.x ±0.20
X.xx ±0.15
X.x° ±3°

Title: USB 3.0 AM Soldered Type Shell
OD5.3 L=27.15mm

Molde Code: GT-3A9004S-F05300

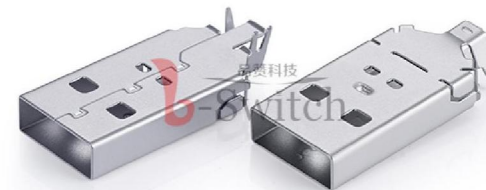
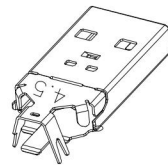
DRAWN	CHECKED	APPROVED	DATE
Xia	Chen	Chen	2024.12.03

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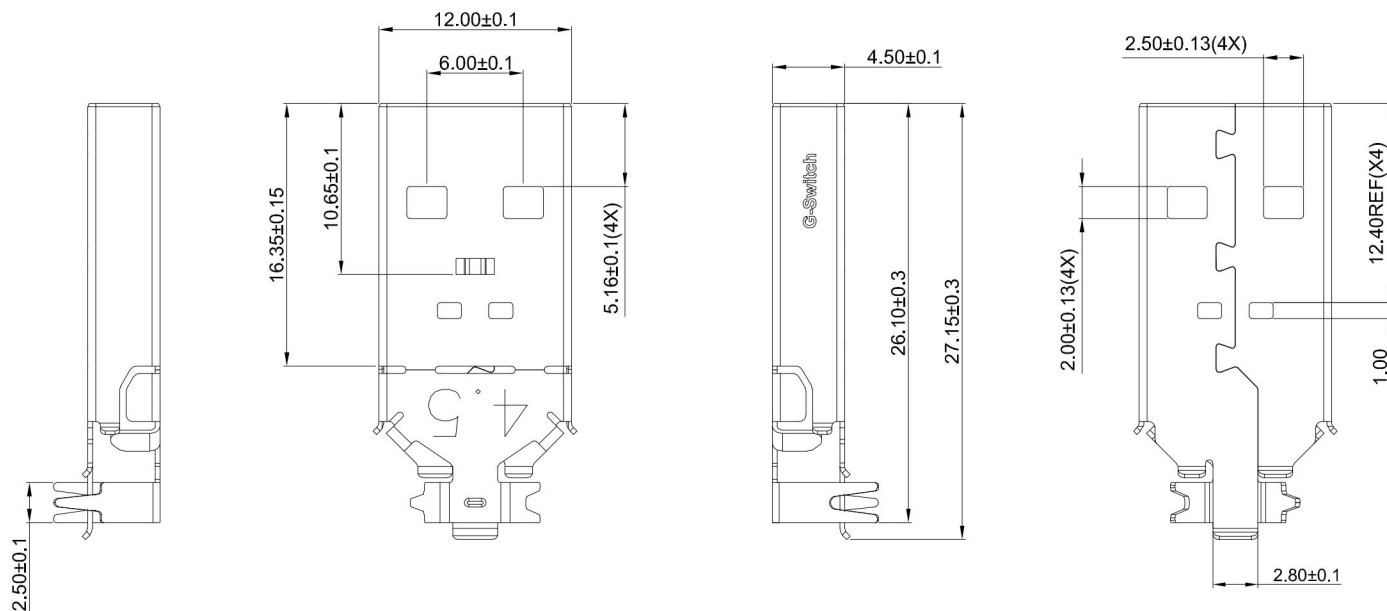
REV: A0

SHEET: 1/1

1



2



GT-3A9004S-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

USB IF TID:13479

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

5

NO.	PARTS	MATERIAL	REMARKS
1	SHELL	FERROALLOY SPCC	NI30uMIN PLATING OR GOLD PLATING G/F



RoHS
Compliant
EU RoHS Standards



SCALE: 1:1 UNIT: mm
SIZE: A4

Unless otherwise
General Tolerance:

X.x ±0.20
X.xx ±0.15
X.x° ±3°

Title: USB 3.0 AM Soldered Type Shell
OD4.5 L=27.15mm

Molde Code: GT-3A9004S-F04500

DRAWN	CHECKED	APPROVED	DATE
Xia	Chen	Chen	2024.12.03

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REV: A0

SHEET: 1/1

1

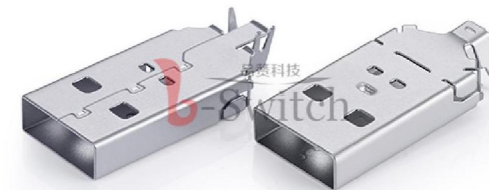
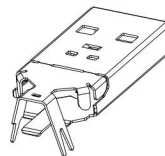
2

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4

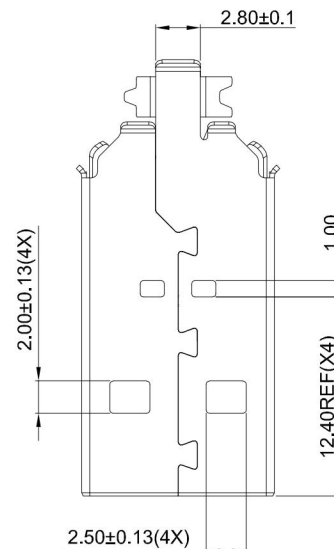
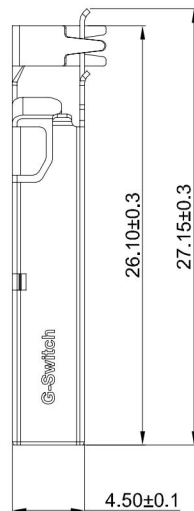
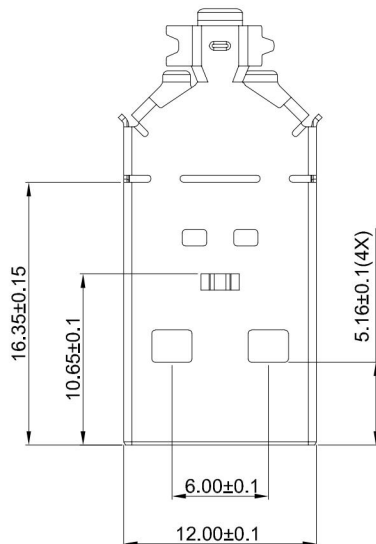
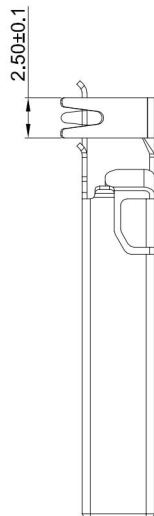
5

1



1

2



GT-3A9004S-F 0 32 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
32=3.2

2

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品赞电子（东莞）有限公司

4

USB IF TID:13479

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

5

NO.	PARTS	MATERIAL	REMARKS
1	SHELL	FERROALLOY SPCC	Ni30uMIN PLATING OR GOLD PLATING G/F

A

B

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D

E



RoHS
Compliant
EU RoHS Standards



SCALE: 1:1	UNIT: mm	Title: USB 3.0 AM Soldered Type Shell OD3.2 L=27.15mm			
SIZE: A4		Molde Code: GT-3A9004S-F03200			
Unless otherwise General Tolerance: X.x ±0.20 X.xx ±0.15 X.x° ±3°		DRAWN	CHECKED	APPROVED	DATE
		Xia	Chen	Chen	2024.12.03

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REV: A0

SHEET: 1/1

5