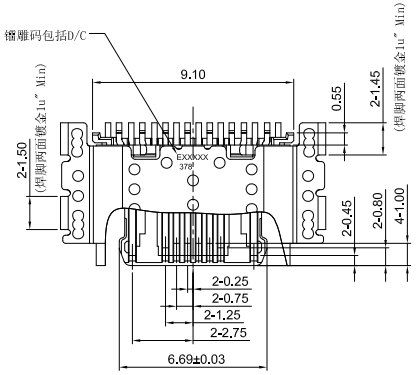
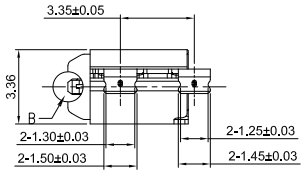
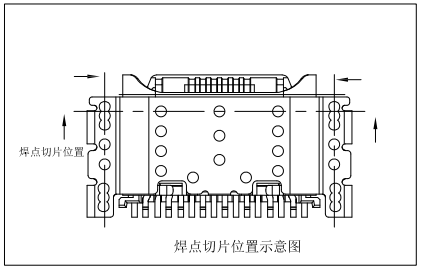


DETAIL B(SC 4:1)

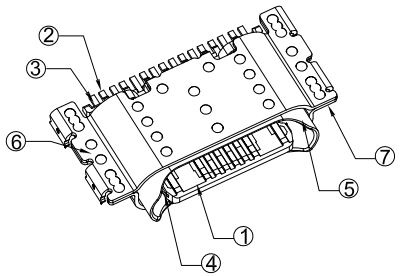


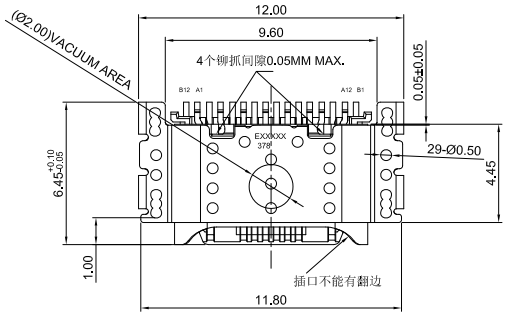


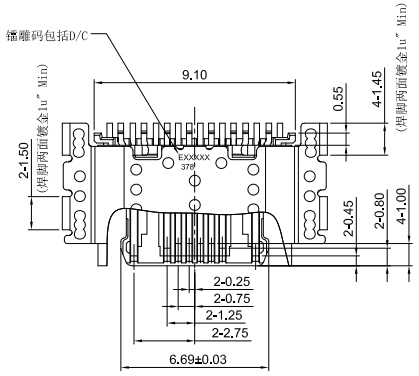


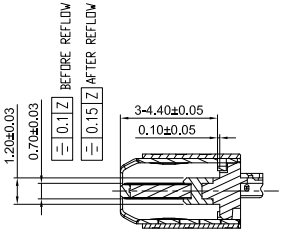


焊点切片位置示意图

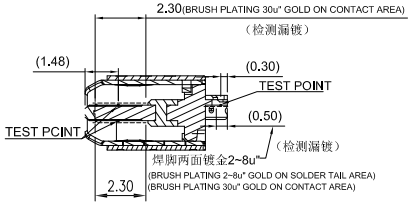








SECTION A-A(SC 1:1)



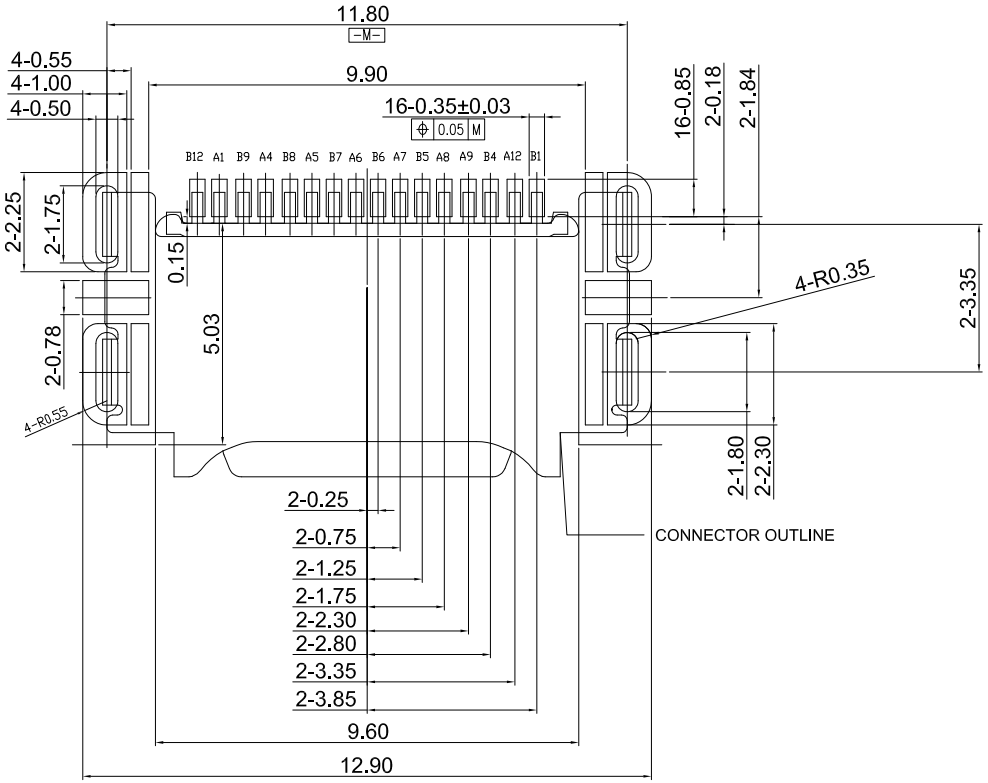
SECTION A-A(SC 1:1)

Pb Process Capable | RoHS Compliant 2002/95/EC | HALOGEN Compliant Halogen Free

品赞科技 b-Switch®

G-Switch Electronic (HongKong) CO.,Ltd.

Unless otherwise specified, Tolerance: X. ±0.30, X.x ±0.20, X.xx ±0.15, X.xxx ±0.10, Angles ±3°	DESIGN Li Qingqi	DATE 2022.04.07	Molde code: GT-USB-7085A
	CHECKED	DATE	
	APPROVED	DATE	
	http://www.dg-switch.com	REV.: X1	SCALE: 4:1 UNIT: mm
	TEL:0769-82388879	SIZE: A4	SHEET: 1/1



(SC 2:1)

RECOMMENDED PCB LAYOUT(THICKNESS:0.80MM)
UNLESS STATED TOLERANCE:±0.05(FOR REFERENCE)

NOIES 1:

1.ELECTRICAL CHARACTERISTICS:

1.1 CURRENT RATING:

1.2 TEMPERATURE RANGE:-40℃to 85 ℃

1.3 CONTACT RESISTANCE:30 MILLIONHM MAX.

1.4 DIELECTRIC WITHSTANDING VOLTAGE:500 VAC r.m.s

1.5 INSULATION RESISTNACE:100 MEGOHMS MIN.

2.MECHANICAL CHARACTERISTICS

2.1 INSERTION FORCE 5~20N

2.2 EXTRACTION FORCE:INITIAL：8~20N(1000CYCLES),6~20N(10000CYCLES)

2.3 DURABILITY:10,000CYCLES

2.4 PLUG垂直顶塑胶（避开铁壳止挡位），顶出力量14kgf Mn., 垂直顶插口止挡位，顶出力量20kg

2.5 上下铁壳得接后剥高强度50kgf Min.

3.COMPLIANCE WITH CURRENT VERSIONS OF ENVIRONMENT MANAGEMENT SUBSTANCE REQUIREMENT IN EVERWIN

4.HOUSING BURR:0.10 MM MAX METAL BURR:0.05 MM MAX.

NO	PARTS NAMF	OTY	MATFRIAL	FINISH
7	UPPER_SHELL	1PCS	SUS301-H T0.20	50u"Min.NICKEL SOLDER AREA:1u~3u"Au PLATING
6	DOWN_SHELL	1PCS	SUS301-H T0.20	
5	INNER_SHELL	1PCS	SUS301-H T0.20	
4	MID PLATE	1PCS	SUS301-H T0.15	NO PLATING
3	CONTACT 2	1SET	C18150-R540 T0.15	Ni 50u"Min CONTACT AREA:30u'Au BRUSH PLATING SOLDER AREA:2~8u'Au BRUSH PLATING
2	CONTACT 1	1SET	C18150-R540 T0.25	
1	HOUSING	1PCS	PA46 HFX33S,UL 94V-0	COLOR:BLACK

PIN DEFINITION:

A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12
GND			VBUS	CC1	D+	D-	SBU1	VBUS			GND

GND			VBUS	SBU2	D-	D+	CC2	VBUS			GND
B12	B11	B10	B9	B8	B7	B6	B5	B4	B3	B2	B1

Pb Process Capable
RoHS Compliant 2002/95/EC
HALOGEN Compliant Halogen Free

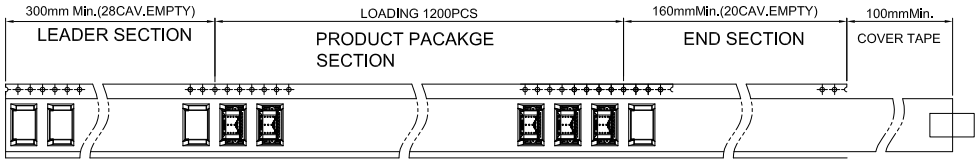
品赞科技 G-Switch ®

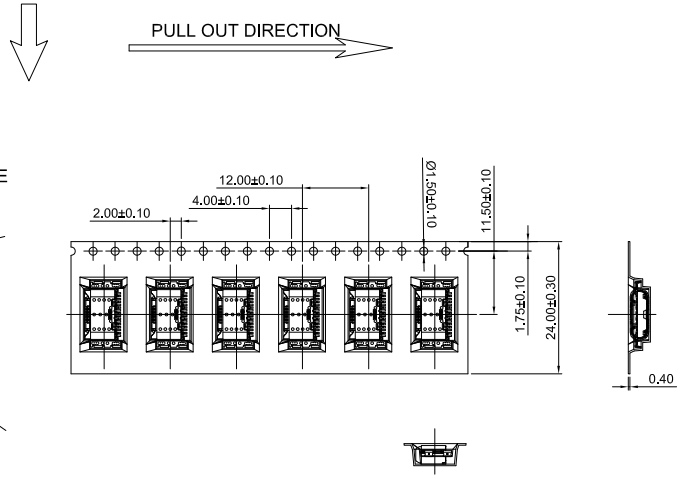
G-Switch Electronic (HongKong) CO.,Ltd.

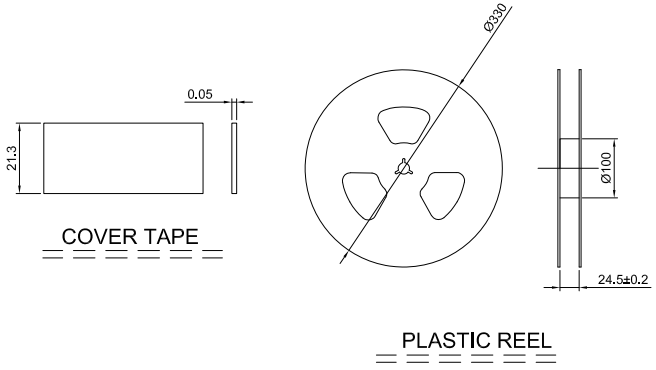
Unless otherwise specified, Tolerance:

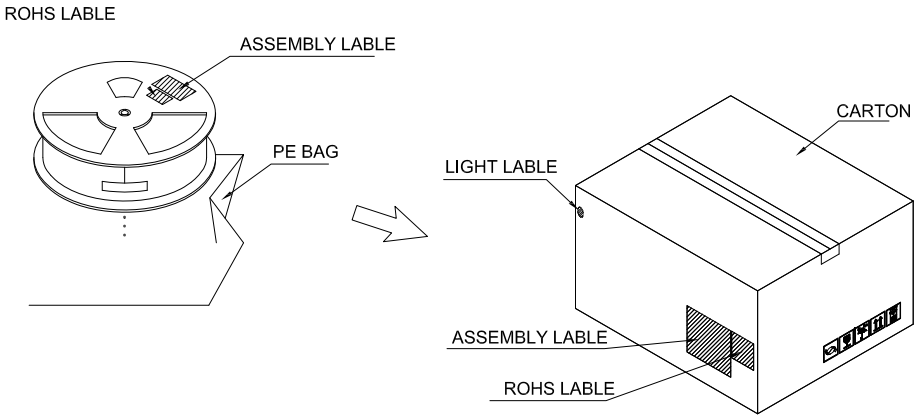
X.	±0.30
X.x	±0.20
X.xx	±0.15
X.xxx	±0.10
Angles	±3°

DESIGN Li Qingqi	DATE 2022.04.07	Molde code: GT-USB-7085A
CHECKED	DATE	
APPROVED	DATE	
http://www.dg-switch.com	REV.: X1	SCALE: 4:1 UNIT: mm
TEL:0769-82388879	SIZE: A4	SHEET: 1/1









NOTES 2:
1.MATERIAL:
  1.1 REEL AND AXLE:PS,BLUE
  1.2 CARRIER TAPE:0.40T PS,TRANSPARENT
  1.3 COVER TAPE:0.05T PS,TRANSPARENT
  1.4 SHIPPING CARTON:CORRUGATED FIBER
2.DIMENSION:
  2.1 REEL:W=24.5,A=330
  2.2 CARRIER TAPE:T=0.40 W=24.0
  2.3 COVER TAPE:T=0.05 W=21.3
  2.4 SHIPPING CARTON:L=343mm,W=343mm,H=200mm
3.QUANTITY
  3.1 PRIMAY PACKING:1200PCS/REEL
  3.2 SECONARY PACKING:6 REELS/CARTON(7200PCS/CARTON)
4.COVER TAPE PEELING FORCE:0.01~0.13 KG
  4.1 PEELING SPEED:300mm/minutes
  4.2 PEELING ANGLE:165°~180°

Pb Process Capable | RoHS Compliant 2002/95/EC | HALOGEN Compliant Halogen Free

品赞科技 G-Switch ®	**G-Switch Electronic (HongKong) CO.,Ltd.**				
Unless otherwise specified, Tolerance: X. ±0.30, X.x ±0.20, X.xx ±0.15, X.xxx ±0.10, Angles ±3°	DESIGN Li Qingqi	DATE 2022.04.07	Molde code: GT-USB-7085A		
	CHECKED	DATE			
	APPROVED	DATE			
	http://www.dg-switch.com	REV.: X1	SCALE: 4:1	UNIT: mm	
	TEL:0769-82388879	SIZE: A4	SHEET: 1/1		

Unikeyic Electronics

Global Electronic Components Distributor

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

G-Switch:

GT-F1007SR20-07S0101 GT-TB092B-H090-L1 PS-8055SVA-6PNA PS-5824SVA-6PN
GT-F0509SR15-20SMT01 PS-7054DVB-6PN GT-TC158D-H0575-L1 GT-A1201WRS-106B1101
GT-F0502SR20-22SMT01 GT-TC029B-H030-L1A GT-TC089A-H075-L1 GT-TC108A-H034-L1
GT-A2501WVS-103SBT01 GT-A2501WVS-108SBT01 GT-A1002WRS-112SBT01 GT-A1257WVS-103SBT01
GT-TB092B-H043-L1 GT-TC102A-H060-L1 GT-TC129B-H043-L1 GT-F0512SR18-04S0101
GT-F1009DV44-25BBT01 GT-F1010SR20-30SMT01 GT-TC018A-H035-L1 GT-TC034A-H025-L1NB
GT-TC036B-H035-L1 GT-TC084E-H043-L5 PS-5824DVA-4PN GT-TC079A-H0040-L1 GT-TC101B-H070-L1
GT-TC102A-H095-L1