



- G-Switch USB-C Specification:**
- Current rated:5A on Vbus/1.25A on Vconn/0.25A on other
  - Voltage rating:24V AC
  - Withstanding voltage:100V AC/minute
  - Contact Resistance: 40mΩ Max
  - Insulation Resistance: 100MΩ Min
  - Operating temperature: -40 °C ~ +85 °C
  - Mating force: 5N~20N
  - Unmating force: 8N~20N
  - Durability Cycle:10,000 Cycles
  - Data transmission rate up to 5Gbp/s
  - Waterproof Grade: IP-68.

A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12
GND	SSTXp1	SSTXn1	VBUS	CC1	Dp1	Dn1	SBU1	VBUS	SSRXn2	SSRXp2	GND
First	Second	Second	First	Second	Second	Second	Second	First	Second	Second	First

  

B12	B11	B10	B9	B8	B7	B6	B5	B4	B3	B2	B1
GND	SSRXp1	SSRXn1	VBUS	SBU2	Dn2	Dp2	CC2	VBUS	SSTXn2	SSTXp2	GND
First	Second	Second	First	Second	Second	Second	Second	First	Second	Second	First

9	SEAL RING	1PCS	Silicone, according to customer needs
8	GLUE	1PCS	Silicone, black (microcoat 423-06)
7	SHELL	1PCS	SUS304 ,T=0.15. 镀镍50u" MIN.
6	INNER STRETCHED SHELL	1PCS	SUS304 ,T=0.20. 镀镍50u" MIN.
5	EMI STRETCHED SHELL	1PCS	SUS304 ,T=0.12. 镀镍50u" MIN.
4	UPPER TERMINAL	1SET	C18140,T=0.12. The bottom layer is nickel plated 50-100u", one side of the functional contact area is brushed with Au 30U", and the welding area is double-sided gold plated g/f
3	LOWER ROW TERMINAL	1SET	
2	MEDIUM PLATE	1PCS	SUS301-1/4 H, ISBN 38208; +38221; "50u" MIN.
1	PLASTIC CEMENT	1PCS	PA46(HFX315) BLACK
NO	COMPONENTS	PCS	MATERIAL / TREATMENT

IP-68

此产品符合 USB协会认证 规范TID:7340

RoHS Compliant EU RoHS Standards

Process Capable

HALOGEN COMPLIANT Halogen Free

SCALE: 4:1 UNIT: mm

SIZE: A4

Title: Horizontal Type-c 24P Female SMT CH=1.5 L=7.5mm

Molde Code: GT-USB-9045A

General Tolerance:

X.	±0.20
X.x	±0.15
X.xx	±0.10
X.xxx	±0.05
Angles	±3°

DRAWN	CHECKED	APPROVED	DATE
Xia	Chen	Chen	2020.12.16

REV: A0 SHEET: 1/1

品赞科技 www.dg-switch.com