



RECOMMENDED P.C.B. LAYOUT



G-Switch USB-C Specification:

1. CURRENT RATING: 3A
2. VOLTAGE: 20V /DC
3. TEMPERATURE RANGE: -55 °C ~ 85 °C
4. CONTACT RESISTANCE: 40 MEGOHMS MAX
5. INSULATION RESISTANCE: 100 MEGOHMS MIN
6. INSERTION FORCE : 5N~20N
7. UNMATING FORCE: 8N~20N
8. DURABILITY: 10,000 CYCLES

| | | | | | | | | | | | |
|-----|-----|------------|------|---|----|----|------|------|-----|-----|-----|
| 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 |
| 1 | | enclosures | | Stainless steel, nickel plated | | | | | | | |
| 2 | | Terminal | | Copper alloy, electroplated and brushed with gold | | | | | | | |
| 3 | | subject | | LCP, black, white, UL 94-V0; | | | | | | | |
| NO | | parts | | Material Science | | | | | | | |



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 2022.04.24 | Molde code: | | |
| | CHECKED | DATE | GT-USB-7089A | | |
| | APPROVED | DATE | | | |
| | http://www.dg-switch.com | | REV.: X1 | SCALE: 4:1 | UNIT: mm |
| | TEL:0769-82388879 | | SIZE: A4 | SHEET: 1/1 | |

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