

About GT Contact Waterproof Products

GT Contact's waterproof products are widely used in various kinds of customer application, which include marine equipment, networking device, outdoor LED display, lamp and lighting system, industrial PC, military NB, and medical equipment.

Related Products

USB 3.0 Plastic



USB 3.0 Metal



Micro USB 3.0 Plastic



DUAL USB



USB-Flash CAP



HDMI



SFP



**Flat USB Type C
GT11C401 Series**



**Flat Dual USB-A
GT1113B2 Series**



**Flat USB Type C
GT11C401 Series**



**Flat Dual USB-A
GT1113B2 Series**

Features

- USB Type C 3.1 // DUAL USB-A
- Small Size
- Plastic // Plastic
- IP67 protection degree

Application

- Medical equipment
- GPS, Positioning equipment
- Automation machine
- Industrial PC, Military Equipment

General Specification

Connector Type	USB Type C		Dual USB-A
	Max For others	Max for VBUS	
Current Rating	0.25A	5A	2.1A
Panel Mount Connector (Without Cable)	-40°C / +105°C		-40°C / +105°C



IP67 Flush Mount USB Type C / Dual USB-A connector

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GT Contact's Related Waterproof Products

Hybrid Series



Sensor Series



I/O Series



Power Series



Materials

Connector Type	USB TYPE C Plastic	Dual USB-A
Plastic Parts	Dual USB-A	PA66,PBT
Metal Parts		Copper Alloy, Ni Plating
Contact	Copper Alloy, Au Plating	Copper Alloy, Au Plating
Gasket	Silicon	Silicon
Glue	Epoxy	Epoxy

Electrical Characteristics

Insulation Resistance	DC100V±10%	DC500V±10%
Dielectric Withstanding Voltage	100V DC/AC peak	500V
Contact Resistance	500mΩ at 10mA Max	30mΩ

Mechanical Characteristics

Durability (cycles)	10000	5000
Physical Shock	EIA 364-27 Test Condition H or IEC 60512-6c	EIA 364-27 Test Condition H (11ms 30G)
Random Vibration	EIA 364-28 Test or IEC 60512-6d	EIA 364-28 (Frequency : 50 to 2000 Hz)
Thermal Shock	5 Cycles at -40°C / +105°C	5 Cycles at -40°C / +105°C
Salt Spray	EIA 364-26 or IEC 60512-11f	EIA 364-26, 48 hours
Temperature Life	85°C for 96 Hours Method A, Mated	85°C for 48 Hours Method A, Mated
Cycling Humidity	4 cycles at 25°C / +65°C 95%RH (1 cycles/day)	4 cycles at 25°C / +65°C 95%RH (1 cycles/day)
Ingress Protection Rate	IP67, Submersion in water 1 meter for 1 hr.	IP67, Submersion in water 1 meter for 30 minutes.

