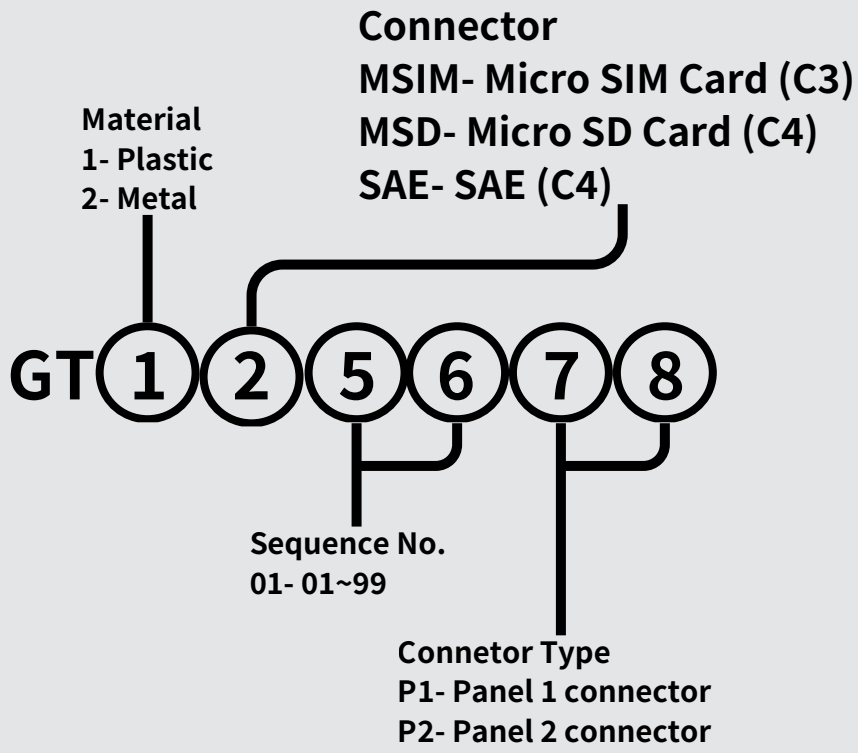
MISCELLANEOUS

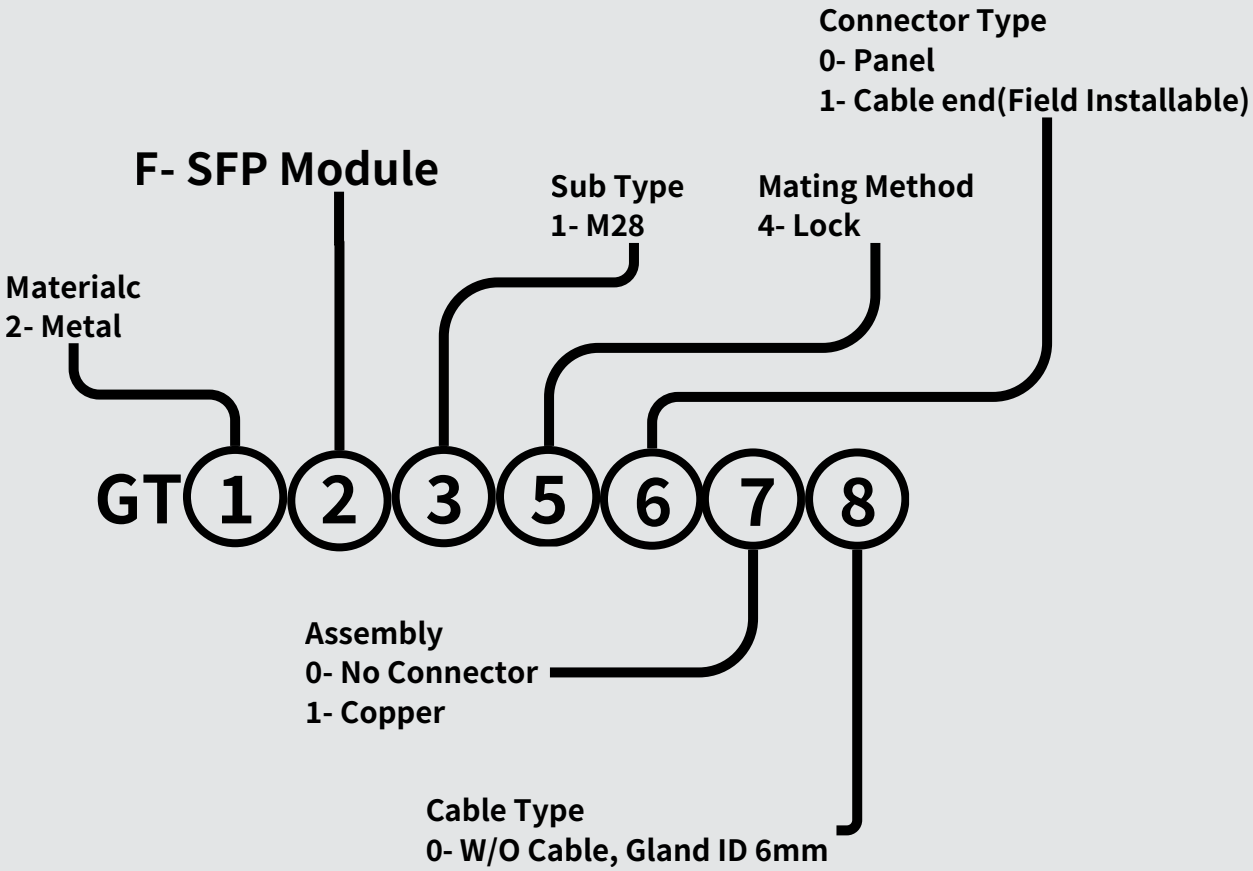
SIM CARD / SD CARD / SAE

Part Numbering System



SFP

Part Numbering System



Specifications

Micro SIM Card Plastic Engineering Specifications		
Specifications		
Current Rating	0.5A	
Operation Temperature	-40°C / +75°C	
IP Rating	IP67	
Product Technical Data		
Characteristics	Standard	Description
Visual and Dimensional Inspection	EIA 364-18	Must meet or exceed the requirements specified by the most current version of the Specification.
Insulation Resistance	EIA 364-21 or IEC 60512-3a	DC 500V±10% , test for 1 minute and the insulation resistance should be more than1000MΩ
Dielectric Withstanding Voltage	EIA 364-20 or IEC 60512-4a	500V AC peak, contact-to-contact, for 1min.
Contact Resistance	EIA 364-6B	Mated contacts assembled in housing to 20mV Max open circuit at 10mA Max. Initial:100 mΩ Max. (SW Pin:150mΩ Max.) Final:25mΩ Max. (SW Pin:50mΩ Max.)
Insertion forces	EIA-364-13B	10N Max.
Withdrawal forces	EIA-364-13B	0.5N Min
Durability	EIA 364-09	3000 cycles, rate of 10 cycle/min.
Physical Shock	EIA 364-27 Test Condition H or IEC 60512-6c	No discontinuities of 1 µs or longer duration when mated connectors are subjected to 11 ms duration 30 Gs half-sine shock pulses. Three shocks in each diTrection applied along three mutually perpendicular planes for a total of 18 shocks.

Product Technical Data		
Characteristics	**Standard**	**Description**
Vibration	EIA 364-28D	Mated connectors to 10-55 Hz traversed in 1minutes at 1.52mm amplitude 2 Hours each of 3 mutually perpendicular planes. The electrical load condition shall be 100mA Max. No electrical discontinuity greater than 0.1 or 1μsec shall occur.
Thermal Shock	EIA 364-32 Test Condition I or IEC 60512-11d	10 cycles at -55°C / +85°C，after the test, the function and appearance can't be impacted.
Salt Spray	EIA 364-26 or IEC 60512-11f	The test liquid (Nacl) thickness is 5%, Compressing the air pressure is 0.083Mpa, Spraying amount is 1~2 ml/80cm/h， Temperature of the pressure barrel is 43°C，LAB temperature is 35°C，relative humidity of LAB is 95%~98%，test time is 24hr，after the test, check if there is rusty and oxidized phenomenon
Waterproof Test	IEC 60529	Under 1 M water for 30 minutes.
Temperature Life W/O Electrical Load	EIA364-17 Condition 2 or IEC 60512-9b	85°C for 96 Hours
Low Temperature	EIA364-59 Condition 3 or IEC 60512-11k	-40°C for 96 Hours
Temperature Humidity Cycling	EIA 364-31，Method III Test Condition A	10 cycles at +25°C ~ +65°C 95% RH
UV Exposure	ASTM G154-06 operating fluorescent light apparatus for UV exposure of nonmetallic materials	24 H equal 1 year: 8 h UV at 70 (± 3) °C Black Panel Temperature 4 h Condensation at 50 (± 3) °C Black Panel Temperature

Specifications

Micro SD card Metal Engineering Specifications		
Specifications		
Current Rating	0.5A	
Operation Temperature	-40°C / +85°C	
IP Rating	IP68	
Product Technical Data		
Characteristics	Standard	Description
Visual and Dimensional Inspection	EIA 364-18	Must meet or exceed the requirements specified by the most current version of the Specification.
Insulation Resistance	EIA 364-21 or IEC 60512-3a	DC500V±10%, test for 1 minute and the insulation resistance should be more than500MΩ
Dielectric Withstanding Voltage	EIA 364-20 or IEC 60512-4a	500 V DC/AC peak, contact-to-contact, for 1min.
Contact Resistance	EIA 364-06 Method B or IEC 60512-2b	100mΩ at 10mA Max.
Insertion and withdrawal forces	IEC60512,13b	0.1~4.0Kgf
Durability	EIA 364-09 or IEC 60512-9a	5000 cycles ,rate of 200 cycles per hour.
Physical Shock	EIA 364 27 Test Condition H or IEC 60512-6c	No discontinuities of 1 μs or longer duration when mated connectors are subjected to 11 ms duration 30 Gs half-sine shock pulses. Three shocks in each direction applied along three mutually perpendicular planes for a total of 18 shocks.
Vibration	EIA 364-28 or IEC 60512-6d	The electrical load conditions shall be 100mA maximum for all contacts. Frequency: 50 to 2000 Hz PDS: 0.04 g2 /Hz. Duration: 1 Hour/Axis, 3 Axes Total. g's: 7.56 g rms

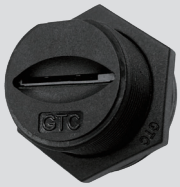
Product Technical Data		
Characteristics	**Standard**	**Description**
Thermal Shock	EIA 364-32 Test Condition VIII or IEC 60512-11d	5 cycles at -40°C / +105°C，after the test, the function and appearance can't be impacted.
Salt Spray	EIA 364-26 or IEC 60512-11f	The test liquid (Nacl) thickness is 5%, Compressing the air pressure is 0.083Mpa, Spraying amount is 1~2 ml/80cm/h，Temperature of the pressure barrel is 43°C，LAB temperature is 35°C，relative humidity of LAB is 95%~98%，test time is 48hr，after the test, check if there is rusty and oxidized phenomenon
Waterproof Test	IEC 60529	Under 1 M water for 24 Hr.
Temperature Life W/O Electrical Load	EIA364-17 Condition 3 or IEC 60512-9b	85°C for 96 Hours
Low Temperature	EIA364-59 Condition 3 or IEC 60512-11k	-40°C for 96 Hours
Temperature Humidity Cycling	EIA 364-31，Method III Test Condition A	4 cycles at 25°C / +65°C 95%RH (1 cycles/day)
UV Exposure	ASTM G154-06 operating fluorescent light apparatus for UV exposure of nonmetallic materials	24 H equal 1 year: 8 h UV at 70 (± 3) °C Black Panel Temperature 4 h Condensation at 50 (± 3) °C Black Panel Temperature

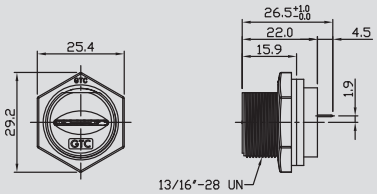
Specifications

C4 SAE panel lock Engineering Specifications		
Specifications		
Current Rating	10A	
AWG Gauge	16 AWG	
Operation Temperature	-40°C / +85°C	
IP Rating	IP67	
Product Technical Data		
Characteristics	Standard	Description
Visual and Dimensional Inspection	EIA 364-18	Must meet or exceed the requirements specified by the most current version of the C4 SAE Specification.
Insulation Resistance	EIA 364-21 or IEC 60512-3a	DC100V±10%，test for 1 minute and the insulation resistance should be more than100MΩ
Dielectric Withstanding Voltage	EIA 364-20 or IEC 60512-4a	300 V AC contact-to-contact, for 1min.
Contact Resistance	EIA 364-06 Method B or IEC 60512-2b	20mΩ at 10mA Max.
Durability	EIA 364-09 or IEC 60512-9a	Lock type 200 cycles Min ,rate of 200 cycles per hour.
Thermal Shock	EIA 364-32 Test Condition VIII or IEC 60512-11d	5 cycles at -40°C / +105°C，after the test, the function and appearance can't be impacted.
Salt Spray	EIA 364-26 or IEC 60512-11f	The test liquid (Nacl) thickness is 5%, Compressing the air pressure is 0.083Mpa, Spraying amount is 1~2 ml/80cm/h，Temperature of the pressure barrel is 43°C，LAB temperature is 35°C，relative humidity of LAB is 95%~98%，test time is 24hr，after the test, check if there is rusty and oxidized phenomenon
Waterproof Test	IEC 60529	Under 1 M water for 30 Min.

Product Technical Data		
Characteristics	**Standard**	**Description**
Temperature Life W/O Electrical Load	EIA364-17 Condition 3 or IEC 60512-9b	80°C for 96 Hours
Low Temperature	EIA364-59 Condition 3 or IEC 60512-11k	-40°C for 96 Hours
Temperature Humidity Cycling	EIA 364-31 › Method III Test Condition A	4 cycles at 25°C / +65°C 95%RH (1 cycles/day)
UV Exposure	ASTM G154-06 operating fluorescent light apparatus for UV exposure of nonmetallic materials	24 H equal 1 year: 8 h UV at 70 (± 3) °C Black Panel Temperature 4 h Condensation at 50 (± 3) °C Black Panel Temperature

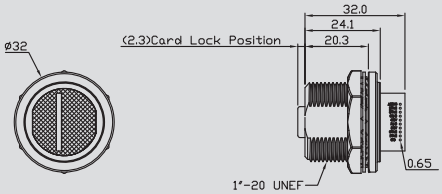
Micro SIM Card Plastic C3 Panel Jack Screw





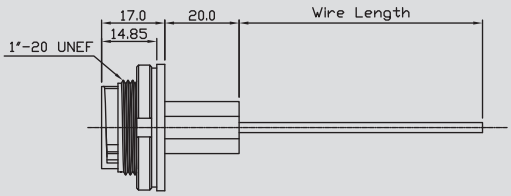
P/N	Product
GT1MSIM01P1	Dip Pin
GT1MSIM01P1(S)	Dip Pin with Spanner Nut

Micro SD Card Metal C4 Panel Jack Screw



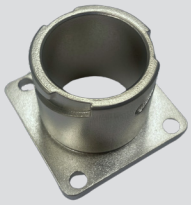
P/N	Product
GT2MSD01P1	with PCB
GT2MSD01P2	Dip Pin

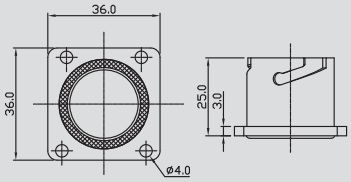
C4 SAE Panel Connector Lock Type



P/N	Product
GT1SAE01P1-XX(S)	with Wires

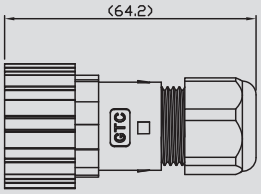
SFP Metal Panel Lock





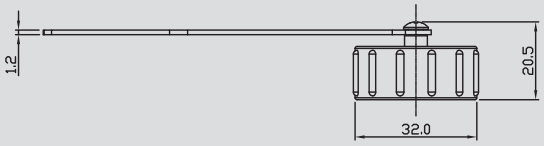
P/N	Product
GT2F1400	with Screws

SFP Metal Field Installable Cable End Lock



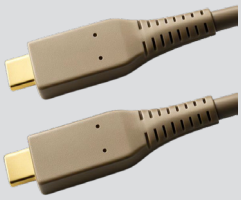
P/N	Product
GT2F1410	without Cable

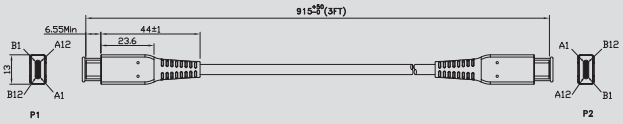
Cap Plastic for SFP Lock Panel



P/N	Product
GT1CF14032	GT2F1400 Series

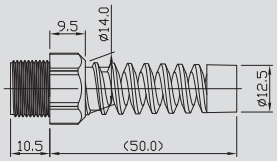
Dual USB Type C 2.0 Male with Kevlar Cable





P/N	Product
GT1ZGTC01C1	Dual USB Type C 2.0 Male with Kevlar Cable (Green Color Overmolding and Cable)

Cable Gland SR

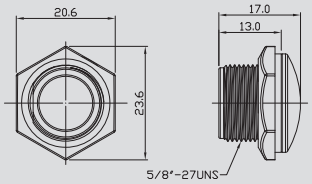


P/N	Product
66125-38101_A0	Cable Gland SR

* for GTC Field Installable Type Connector

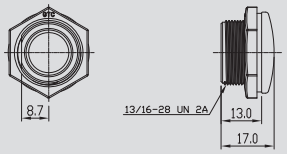
CAP FOR THROUGH-HOLE

Cap Metal for C2 Through-Hole



P/N	Product
GT2T23112	Cap Metal for C2 Through-Hole

Cap Metal for C3 Through-Hole

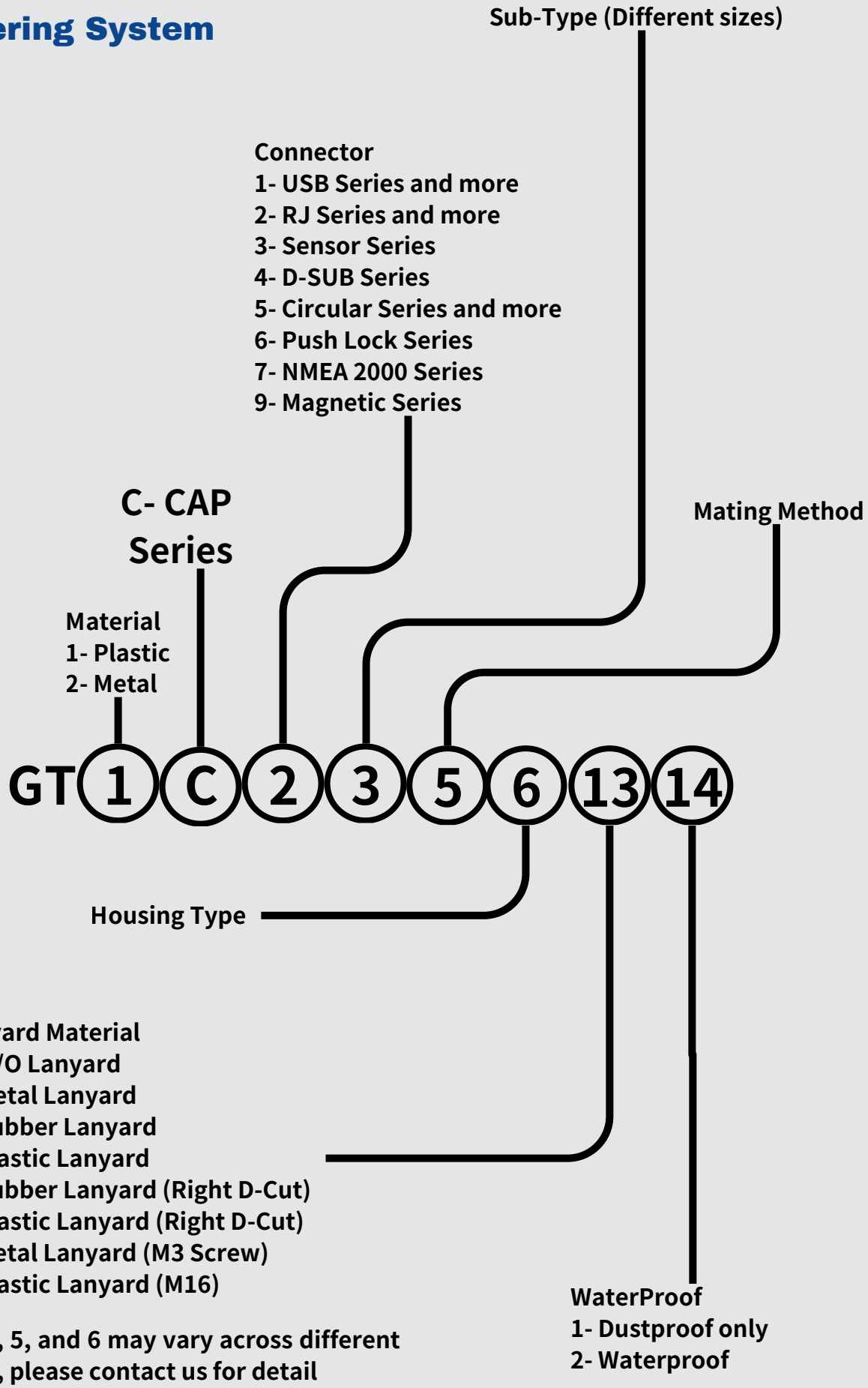


P/N	Product
GT2T33112	Cap Metal for C3 Through-Hole
GT2T33112(S)	Cap Metal for C3 Through-Hole+ Sapnner nut

CAP

CAP

Part Numbering System



Numbers 3, 5, and 6 may vary across different categories , please contact us for detail

Tips for Choosing a Cap for GTC Connectors

All GTC panel connectors are stand-alone waterproof, ensuring no water ingress into your devices even without a cap. However, it is highly recommended to use a cap to protect the connector contacts.

For a cap with a flexible lanyard, rubber is a suitable material. If durability is a priority, a plastic lanyard is a better option. For higher budgets and situations where the lanyard will be frequently and strongly pulled, a metal lanyard is ideal.

Plastic caps are compatible with plastic connectors. If the cap will not be frequently mated and unmated with the connectors, a plastic cap can also be used with metal connectors. However, avoid using metal caps with plastic connectors as this can damage the connector threads.

Cap Info Please Refer to Following List

www.gtcontact.com

Contact Information

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UL E326935 / E364108