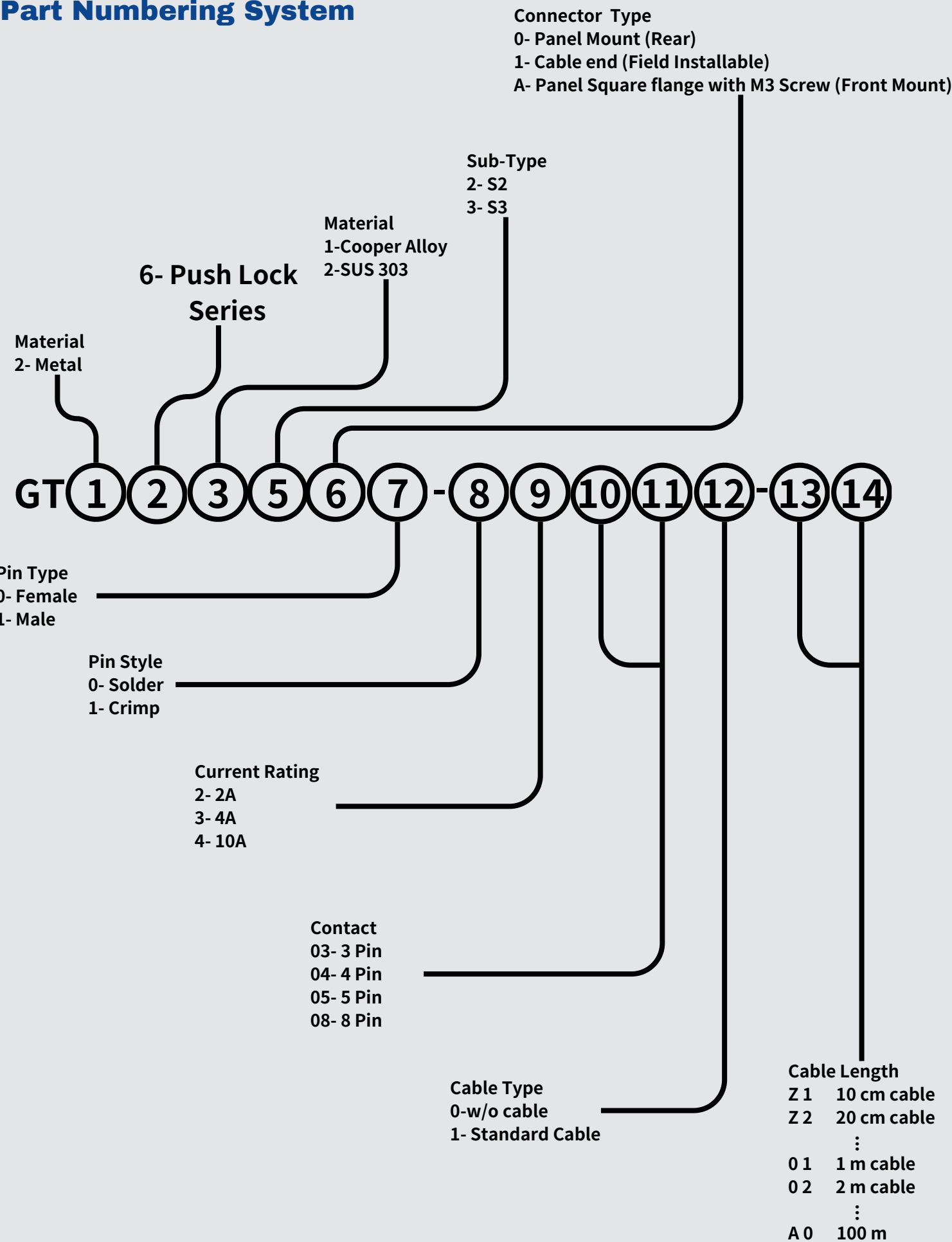


PUSH LOCK SERIES



Push Lock

Part Numbering System

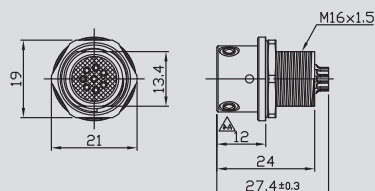


Specifications

Push Lock SUS 2~6 Pol Engineering Specifications			
Specifications			
Operation Temperature	With Cable -40°C / +85°C		
	Without Cable -40°C / +105°C		
IP Rating	Panel: IP68 , Cable End: IP68(Mated)		
Number of Ways	AWG Gauge	Voltage	Amps
2-4	18~24 AWG	250VAC/DC	4A
5		60VAC/DC	
6-8	22~28AWG	30VAC/DC	2A
Product Technical Data			
Characteristics	Standard	Description	
Visual and Dimensional Inspection	IEC-60152-1a	Must meet or exceed the requirements specified by the most current version of the M12 Specification (Unmated).	
Polarisation Method	IEC 60512-13e	Insertion force 35 N min.	
Contact Resistance	IEC 60512-2a	10mΩ at 10mA Max.	
Insulation Resistance	IEC 60512-3a	Test Voltage 500V±15 VDC Method A, Be more than 100MΩ	
Withstanding Voltage	IEC 60512-4a	2 to 5 Contacts	650 VAC between contacts , 650 VAC between contacts and metal-housing, for 1±5s min.
		6 to 8 Contacts	1400 VAC between contacts , 1400 VAC between contacts and metal-housing, for 1±5s min.
Gauge Retention Force	IEC60512-16e	Retention force 20g	

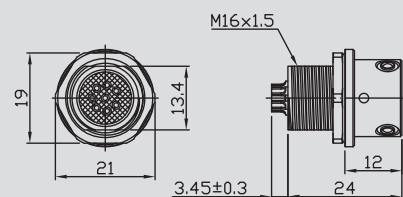
Product Technical Data			
Characteristics	Standard	Description	
Insertion And Withdrawal Force	IEC60512-13b	2 to 5 Contacts	Max. Speed: 10 mm/s maximum. Insertion force 23 N maximum Withdrawal force 30 N maximum
		6 to 8 Contacts	Max. Speed: 10 mm/s maximum. Insertion force 10 N maximum Withdrawal force 15 N maximum
Vibration	IEC 60512-6d	The electrical load conditions shall be 100mA maximum for all contacts. No discontinuities of 1 μ s Frequency: 10 to 500 Hz , 0.35mm or 50 mm/s ² Sweep cycles: 10 Full duration: 6h	
Shock	IEC 60512-6c	The electrical load conditions shall be 100mA maximum for all contacts. No discontinuities of 1 μ s. Half sine Shock acceleration : 490 m/s ² (50g) Duration of impact : 11ms.	
Rapid Change Of Temperature	IEC 60512-11d	-25°C to 85°C, t=30 min. 5 cycles	
Dry Heat	IEC 60512-11i	85°C, duration 16h	
Cold	IEC 60512-11j	-25°C, duration 2h , recovery time 2h	
Damp Heat, Cyclic Remaining Cycles	IEC 60512-11m	40°C, recovery time 2h , 5 cycles	
Electrical Load And Temperature	IEC 60512-9b	Duration : 1000h Amb. Temp. : 40°C Current Load : 4A Recovery time : 2h	
Salt Spray	EIA 364-26 or IEC 60512-11f	LAB temperature is 35°C Salt solution concentration shall be 5%. Compressing the air pressure is 0.083Mpa to 0.13 MPa (12 lb to 18 lb per square inch) Orifices of from 0.5 to 0.7 millimeter (0.02 to 0.03 inch) in diameter. Atomization of approximately 2.8 liters (3 quarts) of the salt solution per 0.28 cubic meter (10 cubic feet) of box volume per 24h Test Time:condition B 48h	
UV Exposure	ASTM G154-06	24Hr equal 1 year:Total require 3 years 8 h UV at 70 ($\pm$ 3) °C Black Panel Temperature 4 h Condensation at 50 ($\pm$ 3) °C Black Panel Temperature	
Waterproof Test	IEC 60529	Under 1 M water for 24h	

S2 Panel Rear Mount Female Solder



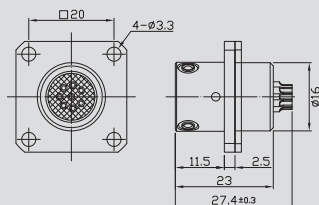
P/N	Rated current (A)	Contacts
GT261200-02080	2	8
GT261200-03050	4	5

S2 Panel Rear Mount Male Solder



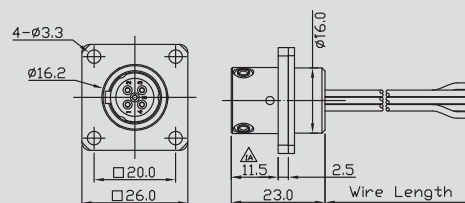
P/N	Rated current (A)	Contacts
GT261201-02080	2	8
GT261201-03050	4	5

S2 Panel Square Female Solder



P/N	Rated current (A)	Contacts
GT2612A0-02080	2	8
GT2612A0-03050	4	5

S2 Panel Square Female Solder with Wire



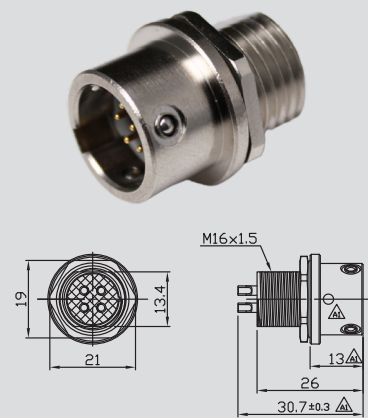
P/N	Rated current (A)	Contacts
GT2612A0-13051-XX	4	5

S3 Panel Rear Mount Female Solder



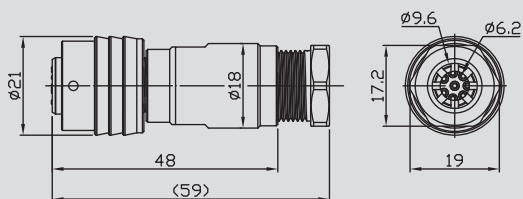
P/N	Rated current (A)	Contacts
GT261300-04030	10	3
GT261300-04040	10	4

S3 Panel Rear Mount Male Solder



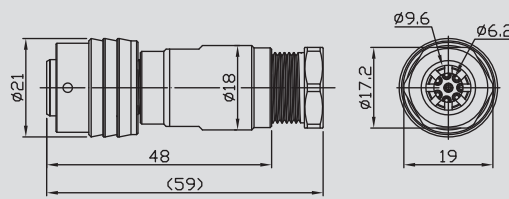
P/N	Rated current (A)	Contacts
GT261301-04040	10	4

S2 Field Installable Cable End Female Crimp



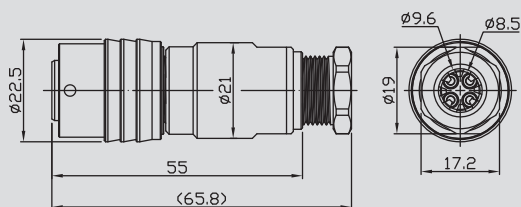
P/N	Rated current (A)	Contacts
GT261210-1208X	2	8
GT261210-1305X	4	5

S2 Field Installable Cable End Male Crimp



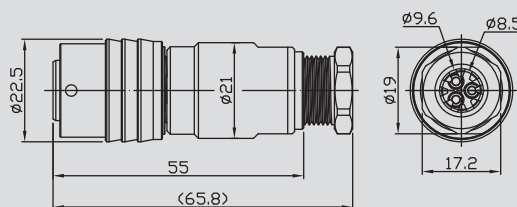
P/N	Rated current (A)	Contacts
GT261211-1208X	2	8
GT261211-1305X	4	5

S3 Field Installable Cable End Female Crimp



P/N	Rated current (A)	Contacts
GT261310-1404X	10	4

S3 Field Installable Cable End Male Crimp



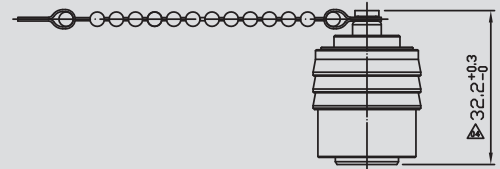
P/N	Rated current (A)	Contacts
GT261311-1403X	10	3
GT261311-1404X	10	4

S2 Cap For Panel End



P/N	Mating Series No.
GT2C6120X2	GT2612A0 Series
	GT261200 Series
	GT261201 Series
	GT261210 Series
	GT261211 Series

S3 Cap For Panel End



P/N	Mating Series No.
GT2C6130X2	GT261300 Series
	GT261301 Series
	GT261310 Series
	GT261311 Series



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