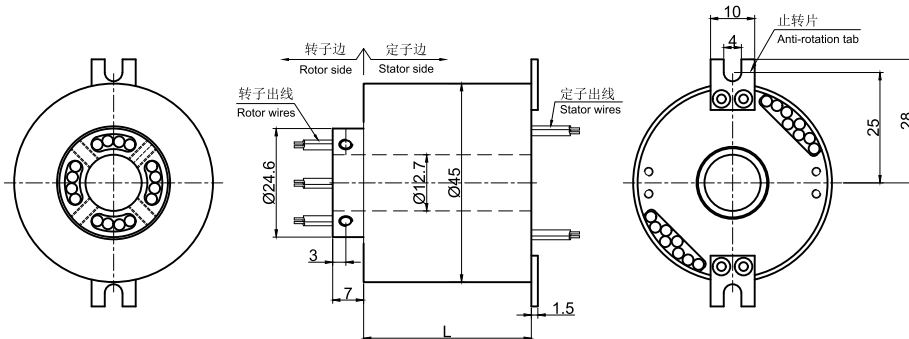


GT1245 Series

45mm od through-hole diameter of 12.7mm (applicable to < = 12.7mm)
standard series integral precision conductive slip ring.

*Note: if the inner hole less than 12.7 mm is needed, it can be solved by adding inner sleeve.



Part# Explanation

GT 1245 - P 0610 - S 09

GT:High speed slip ring	1245: 12-ID12.7mm; 45-OD45mm	P:power ring	0610:06-6rings;10-rated 10A/ring	S:signal(5A)	09:9 rings(0~5A per ring)
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Part# List

GT1245 Series Parts# List									
Part#	20A	10A	Signal/5A	Length-L (mm)	Part#	20A	10A	Signal/5A	Length-L (mm)
GT1245-S09	0	0	9	38	GT1245-P1210-S09	0	12	9	78.8
GT1245-P0610	0	6	0	38	GT1245-P1810	0	18	0	78.8
GT1245-P0420	4	0	0	38	GT1245-P1220	12	0	0	78.8
GT1245-S18	0	0	18	58.4	GT1245-S36	0	0	36	99.2
GT1245-P0610-S09	0	6	9	58.4	GT1245-P0610-S27	0	6	27	99.2
GT1245-P1210	0	12	0	58.4	GT1245-P1210-S18	0	12	18	99.2
GT1245-P0820	8	0	0	58.4	GT1245-P1810-S09	0	18	9	99.2
GT1245-S27	0	0	27	78.8	GT1245-P2410	0	24	0	99.2
GT1245-P0610-S18	0	6	18	78.8	GT1245-P1620	16	0	0	99.2

Note: N channels 10A rings parallel can be used as 1 channel N*10A current. For example: 2 rings 10A parallel could be used as 1 wires 20A.10A,5A (signal)can combine freely in any way.It can be customized based on standard slip ring,please contact customer service for more detmails.

Specifications

Mechanical Data		Electrical Data		
Parameter	Value	Parameter	Value	
Working Life	100 Million revs	Rated Voltage	Power	Signal
Rotating Speed	1~1800RPM	Insulation Resistance	0~380VAC/VDC	0~240VAC/VDC
Working Temperature	-30°C~80°C/-45°C~80°C(Military optional)	Dielectric Strength	≥1000MΩ/500VDC	≥1000MΩ/500VDC
Operating Humidity	0~85% RH/0~97% RH(Military optional)	Lead Length	500VAC@50Hz,60s	AWG22#Tinned iron Teflon
Contact Material	precious metal	Lead Wires	Standard 300mm	
Housing Materia	Al alloy	Electrical Noise	AWG17#/AWG14#Tinned iron Teflon	
Torque	0.1N.m; +0.03N.m/6rings		< 0.03Ω	
Protection Grade	IP51			