

PTRS-545SM

CARBON BRUSHED DC MICRO MOTOR

38D x 50mmL (1.50D x 1.97inL)



VOLTAGE	4.5~32.0V
HOUSING LENGTH	50.0mm (1.97in)
DIAMETER	37.6mm (1.48in)
SHAFT LENGTH	71.0mm (2.80in)
SPEED (NO LOAD)	3600~24000 RPM
POWER (AT MAX EFF)	5.7~66.7W
TORQUE (AT MAX EFF)	176~317 g·cm (17.2~31.1 mN·m)
OPERATING TEMPERATURE	-30°C ~+80°C
WEIGHT	156g (5.5oz)

MODEL NUMBER	VOLTAGE (V)		NO LOAD		AT MAXIMUM EFFICIENCY					STARTING		
	OPERATING RANGE	NOMINAL	SPEED	CURRENT	SPEED	CURRENT	TORQUE		OUTPUT	TORQUE	CURRENT	
			RPM	A	RPM	A	g·cm	mN·m	W	g·cm	mN·m	A
PTRS-545SM-5018	4.5~12.0	12.0	3600	1.30	20510	7.65	317	31.1	66.7	2180	214	45.0
PTRS-545SM-18205	12.0~32.0	24.0	24000	0.07	3020	0.35	176	17.2	5.7	1062	104	1.78

