

# PTRS-555SM

CARBON BRUSHED DC MICRO MOTOR



**38D x 57mmL (1.50D x 2.24inL)**

VOLTAGE	9.6~30.0V
HOUSING LENGTH	57.0mm (2.24in)
DIAMETER	37.5mm (1.48in)
SHAFT LENGTH	75.0mm (2.95in)
SPEED (NO LOAD)	6100~8500 RPM
POWER (AT MAX EFF)	2.64~21.6W
TORQUE (AT MAX EFF)	143~285 g·cm (14.0~27.9 mN·m)
OPERATING TEMPERATURE	-30°C ~+80°C
WEIGHT	209g (7.37oz)

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-555SM-2670	9.6~30.0	24.0	8500	0.18	7400	1.27	285	27.9	21.6	2300	225	9.0
PTRS-555SM-19160	12.0~30.0	15.0	2300	0.07	1800	0.30	143	14.0	2.64	760	74.5	1.3
PTRS-555SM-3250	9.6~30.0	12.0	6100	0.24	5300	1.49	229	22.4	12.4	1650	162	9.2

