

PTRS-540SM

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	67.0mm (2.64in)
SPEED (NO LOAD)	3500~3752 RPM
POWER (AT MAX EFF)	3.63~4.14W
TORQUE (AT MAX EFF)	106.0~132.6 g·cm (10.4~13.0 mN·m)
OPERATING TEMPERATURE	-30°C ~+70°C
WEIGHT	160g (5.64oz)

MODEL NUMBER	VOLTAGE (V)		NO LOAD		AT MAXIMUM EFFICIENCY					STARTING		
	OPERATING RANGE	NOMINAL	SPEED RPM	CURRENT A	SPEED RPM	CURRENT A	TORQUE g·cm	TORQUE mN·m	OUTPUT W	TORQUE g·cm	TORQUE mN·m	CURRENT A
PTRS-540SM-16400	12.0~32.0	24.0	3752	0.058	3330	0.47	106.0	10.4	3.63	946.0	92.7	3.74
PTRS-540SM-22210	4.5~12.0	12.0	3500	0.110	2900	0.53	132.6	13.0	4.14	789.4	77.4	2.64

