

# PTRS-365SM

CARBON BRUSHED DC MICRO MOTOR



28D x 33mmL (1.10D x 1.30inL)

VOLTAGE	6.0~36.0V
HOUSING LENGTH	51.0mm (2.0in)
DIAMETER	27.7mm (1.09in)
SHAFT LENGTH	51.0mm (2.0in)
SPEED (NO LOAD)	10500~19000 RPM
POWER (AT MAX EFF)	4.39~13.42W
TORQUE (AT MAX EFF)	51.0~78.67 g·cm (5.0~7.7 mN·m)
OPERATING TEMPERATURE	-30°C ~+80°C
WEIGHT	54g (0.14oz)

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-365SM-2170	6.0~20.0	18.0	19000	0.21	1600	1.13	78.67	7.7	13.42	497	48.7	6.0
PTRS-365SM-14134	15.0~30.0	24.0	13700	0.14	11200	0.06	75.0	7.4	8.99	408	40.0	2.63
PTRS-365SM-12190	6.8~36.0	24.0	10500	0.08	8400	0.33	51.0	5.0	4.39	260	25.5	1.32

