

PTRS-380SM

CARBON BRUSHED DC MICRO MOTOR



28D x 38mmL (1.10D x 1.50inL)

VOLTAGE	1.0~30.0V
HOUSING LENGTH	37.8mm (1.49in)
DIAMETER	27.7mm (1.09in)
SHAFT LENGTH	57.0mm (2.24in)
SPEED (NO LOAD)	6800~7700 RPM
POWER (AT MAX EFF)	5.0~5.58W
TORQUE (AT MAX EFF)	80.32~85.0 g·cm (7.9~8.3 mN·m)
OPERATING TEMPERATURE	-30°C ~+80°C
WEIGHT	71g (2.50oz)

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-380SM-4035	1.0~3.0	2.4	6800	0.65	5500	2.78	85.0	8.3	5.0	442	43.3	11.7
PTRS-380SM-14291	12.0~30.0	24.0	7700	0.063	6490	0.336	80.32	7.9	5.58	508	49.8	1.795

