

# PTRS-385SM

CARBON BRUSHED DC MICRO MOTOR



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

VOLTAGE	12.0~30.0V
HOUSING LENGTH	37.8mm (1.49in)
DIAMETER	27.7mm (1.09in)
SHAFT LENGTH	57.0mm (2.24in)
SPEED (NO LOAD)	4735~11900 RPM
POWER (AT MAX EFF)	1.99~9.2W
TORQUE (AT MAX EFF)	49.0~84.0 g·cm (4.8~8.2 mN·m)
OPERATING TEMPERATURE	-30°C ~+80°C
WEIGHT	70g (2.47oz)

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-385SM-10240	12.0~30.0	24.0	4735	0.04	3730	0.144	49.0	4.8	1.99	236	23.1	0.54
PTRS-385SM-18108	12.0~30.0	24.0	11900	0.088	10234	0.540	84.0	8.2	9.2	599	58.7	3.33

