

# PTRS-750SH

CARBON BRUSHED DC MICRO MOTOR



44D x 60mmL (1.73D x 2.36inL)

VOLTAGE	6.0~18.0V
HOUSING LENGTH	60.0mm (2.36in)
DIAMETER	44.4mm (1.75in)
SHAFT LENGTH	87.0mm (3.43in)
SPEED (NO LOAD)	10420~12700 RPM
POWER (AT MAX EFF)	41.7~68.4W
TORQUE (AT MAX EFF)	456~752 g·cm (46.5~76.7 mN·m)
OPERATING TEMPERATURE	-30°C ~+80°C
WEIGHT	270g (9.52oz)

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-750SH-5050	6.0~18.0	12.0	10500	0.85	8900	5.05	456	46.5	41.7	3000	306.1	28.5
PTRS-750SH-6045	6.0~18.0	12.0	10420	1.16	8850	8.38	752	76.7	68.4	5000	510.2	49.1
PTRS-750SH-7030	6.0~12.0	9.6	12700	1.30	11000	9.90	550	56.1	62.1	4110	419.39	65.5

