

# PTRF-300C

PRECIOUS METAL BRUSHED DC MICRO MOTOR



24D x 13mmL (0.94D x 0.51inL)

VOLTAGE	0.5~6.0V
HOUSING LENGTH	12.5mm (0.49in)
DIAMETER	24.4mm (0.96in)
SHAFT LENGTH	15.7mm (0.62in)
SPEED (NO LOAD)	3000~3700 RPM
POWER (AT MAX EFF)	0.11~0.16W
TORQUE (AT MAX EFF)	3.8~5.5 g·cm (0.37~0.54 mN·m)
OPERATING TEMPERATURE	-30°C ~+70°C
WEIGHT	22g (0.78oz)

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
PTRF-300C-14270	0.5~4.0	1.9	3500	0.032	2700	0.120	3.8	0.37	0.11	18.0	1.76	0.42
PTRF-300C-10460	1.7~4.0	3.2	3500	0.030	2650	0.085	4.0	0.39	0.12	13.0	1.27	0.26
PTRF-300C-12350	1.5~6.0	3.0	3700	0.028	2700	0.120	5.5	0.54	0.16	20.0	1.96	0.33
PTRF-300C-11400	1.0~6.0	3.0	3000	0.015	2400	0.065	4.3	0.42	0.11	23.0	2.25	0.28

