

PTFF-030P

PRECIOUS METAL BRUSHED DC MICRO MOTOR



19Lx16Wx12mmH (0.75Lx0.63Wx0.47inH)

VOLTAGE	1.0~6.0V
HOUSING LENGTH	18.6mm (0.73in)
WIDTH X HEIGHT	15.5mm x 12mm (0.61 x 0.47in)
SHAFT LENGTH	26.7mm (1.05in)
SPEED (NO LOAD)	4100~10500 RPM
POWER (AT MAX EFF)	0.062~0.35W
TORQUE (AT MAX EFF)	2.1~4.3 g·cm (0.21~0.42 mN·m)
OPERATING TEMPERATURE	-20°C ~+60°C
WEIGHT	10g (0.35oz)

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
PTFF-030P-08250	1.0~6.0	2.5	4100	0.028	2900	0.071	2.1	0.21	0.062	8.0	0.78	0.18
		6.0	10500	0.041	8000	0.130	4.3	0.42	0.350	19.0	1.86	0.43
PTFF-030P-09210	1.0~6.0	2.4	4800	0.035	3400	0.094	2.3	0.23	0.080	9.0	0.88	0.25
		4.7	9800	0.045	7400	0.150	4.0	0.39	0.300	17.0	1.67	0.47

