

# PTFF-031

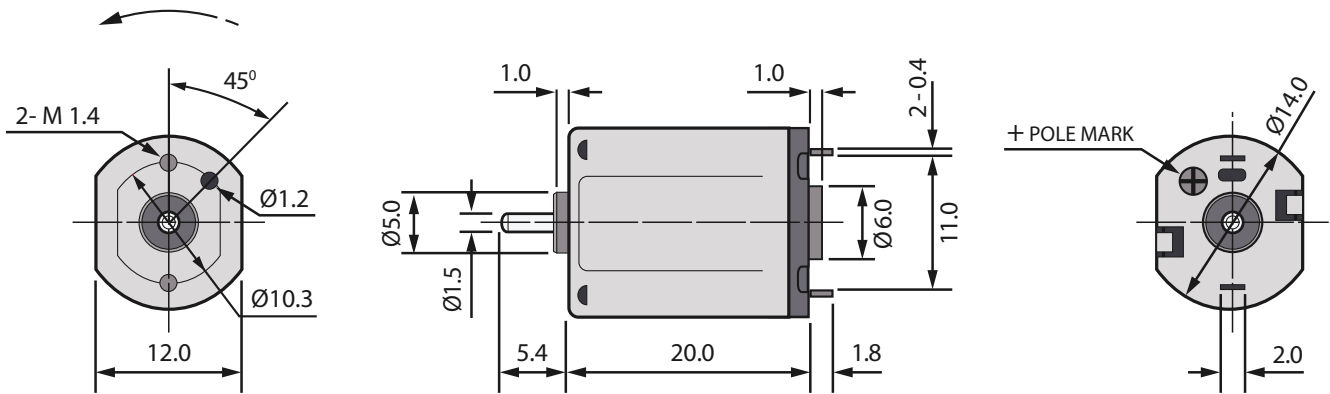
PRECIOUS METAL BRUSHED DC MICRO MOTOR



20Lx14Wx12mmH (0.79Lx0.55Wx0.47inH)

VOLTAGE	2.0~4.0V
HOUSING LENGTH	20mm (0.79in)
WIDTH X HEIGHT	14mm x 12mm (0.55 x 0.47in)
SHAFT LENGTH	25.7mm (1.01in)
SPEED (NO LOAD)	9954~12600 RPM
POWER (AT MAX EFF)	0.33~0.53W
TORQUE (AT MAX EFF)	5.0 g·cm (0.49 mN·m)
OPERATING TEMPERATURE	-20°C ~+60°C
WEIGHT	10g (0.35)oz

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-031-12120	2.0~4.0	3.0	9954	0.044	748	0.215	5.0	0.49	0.384	20.0	1.96	0.95
PTFF-031-12130	2.0~4.0	3.0	8430	0.038	6480	0.190	5.0	0.49	0.330	21.0	2.1	0.82
PTFF-031-14100	2.0~4.0	3.0	12600	0.090	10300	0.340	5.0	0.49	0.530	21.0	2.1	1.2



UNIT: mm

