

PTRF-020T

PRECIOUS METAL BRUSHED DC MICRO MOTOR



17D x 18mmL (0.67D x 0.71inL)

| | |
|-----------------------|----------------------|
| VOLTAGE | 2.0~5.0V |
| HOUSING LENGTH | 18mm (0.71in) |
| DIAMETER | 17.1mm (0.67in) |
| SHAFT LENGTH | 23.5mm (0.93in) |
| SPEED (NO LOAD) | 12600 RPM |
| POWER (AT MAX EFF) | 0.38W |
| TORQUE (AT MAX EFF) | 3.9 g·cm (0.38 mN·m) |
| OPERATING TEMPERATURE | -20°C ~+60°C |
| WEIGHT | 16g (0.56oz) |

| 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 |
| PTRF-020T-10210 | 2.0~5.0 | 4.5 | 12600 | 0.058 | 9500 | 0.18 | 3.9 | 0.38 | 0.38 | 16 | 1.57 | 0.59 |

