

PTRS-395SM

CARBON BRUSHED DC MICRO MOTOR



28D x 47mmL (1.10D x 1.85inL)

| | |
|-----------------------|---------------------------------|
| VOLTAGE | 15.0~30.0V |
| HOUSING LENGTH | 46.8mm (1.84in) |
| DIAMETER | 27.7mm (1.09in) |
| SHAFT LENGTH | 75.0mm (2.95in) |
| SPEED (NO LOAD) | 3800~7450 RPM |
| POWER (AT MAX EFF) | 2.395~5.96W |
| TORQUE (AT MAX EFF) | 72.2~90.0 g·cm (7.10~8.82 mN·m) |
| OPERATING TEMPERATURE | -30°C ~+80°C |
| WEIGHT | 50g (1.76oz) |

| 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-395SM-15140 | 15.0~30.0 | 24.0 | 7450 | 0.055 | 6420 | 0.336 | 90.0 | 8.82 | 5.96 | 650 | 63.7 | 2.08 |
| PTRS-395SM-12230 | 15.0~30.0 | 24.0 | 3800 | 0.037 | 3100 | 0.16 | 72.2 | 7.10 | 2.395 | 384 | 37.6 | 0.7 |

