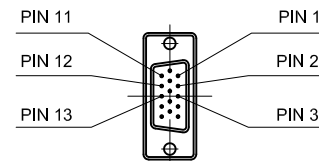


| SPECIFICATION | CONNECTION | BIPOLAR |
|--|------------|--------------------------------------|
| AMPS/PHASE | | 1.68 |
| RESISTANCE/PHASE(Ohms)@25°C | | 1.80±10% |
| INDUCTANCE/PHASE(mH)@1KHz | | 3.20±20% |
| HOLDING TORQUE(Nm) w/o GEARBOX(Nm)[lb-in] | | 0.52[4.6] |
| GEAR RATIO | | 50 ⁴³⁹⁷ / ₄₉₁₃ |
| EFFICIENCY | | 73.00% |
| STEP ANGLE w/o GEARBOX(°) | | 1.80 |
| BACKLASH@NO-LOAD | | <=1° |
| MAX.PERMISSIBLE TORQUE(Nm) | | 4.00 |
| MOMENT PERMISSIBLE TORQUE(Nm) | | 6.00 |
| SHAFT MAXIMUM AXIAL LOAD(N) | | 50.00 |
| SHAFT MAXIMUM RADIAL LOAD(N) | | 100.00 |
| LEAD STYLE | | AWG26 UL1007 |
| TEMPERATURE RISE:MAX.80°C (MOTOR STANDSTILL;FOR 2PHASE ENERGIZED) | | |
| AMBIENT TEMPERATURE -10°C~50°C[14°F~122°F] | | |
| INSULATION CLASS B 130°C[266°F] | | |

| TYPE OF CONNECTION (EXTERN) | | MOTOR | |
|-----------------------------|---------|-------|---------|
| PIN NO | BIPOLAR | LEADS | WINDING |
| 1 | A — | GRN | A |
| 2 | A\ — | BLK | A\ |
| 3 | B — | RED | B |
| 4 | B\ — | BLU | B\ |

DB MALE PLUG



| 15-PIN DB MALE PLUG | 1 | 2 | 3 | 11 | 12 | 13 |
|---------------------|-----|-----|-----|-----|-----|-----|
| LEAD COLOR | BLK | RED | WHT | YEL | GRN | BLU |
| DESCRIPTION | EA+ | VCC | GND | EB+ | EB- | EA- |



| | | |
|-------|-----------|-----------|
| APVD | | 8.21.2018 |
| CHKD | | |
| 1:1.5 | DRN | |
| SCALE | SIGNATURE | DATE |

STEPPER MOTOR

17HS19-1684D-PG51-E1000