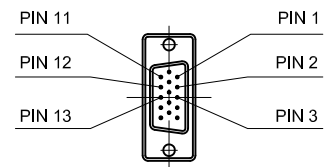


| SPECIFICATION | CONNECTION | BIPOLAR |
|--|------------|-----------------------------------|
| VOTAGE(VOC) | | 2.60 |
| AMPS/PHASE | | 2.80 |
| RESISTANCE/PHASE(Ohms)@25°C | | 0.90±10% |
| INDUCTANCE/PHASE(mH)@1KHz | | 2.50±20% |
| HOLDING TORQUE(Nm) w/o GEARBOX(Nm)[lb-in] | | 1.25[11.06] |
| GEAR RATIO | | 46 ⁸² / ₁₂₅ |
| EFFICIENCY | | 73.00% |
| STEP ANGLE w/o GEARBOX(°) | | 1.80 |
| BACKLASH@NO-LOAD | | <=1.5° |
| MAX.PERMISSIBLE TORQUE(Nm) | | 40.00 |
| MOMENT PERMISSIBLE TORQUE(Nm) | | 60.00 |
| SHAFT MAXIMUM AXIAL LOAD(N) | | 100.00 |
| SHAFT MAXIMUM RADIAL LOAD(N) | | 200.00 |
| LEAD STYLE | | FVR 4X0.5mm ² CABLE |
| 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\ — | RED | A\ |
| 3 | B — | YEL | 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 | | |
| CHKD | | |
| 1:1.5 | DRN | |
| SCALE | SIGNATURE | DATE |

STEPPER MOTOR

23HS22-2804D-PG47-E1000