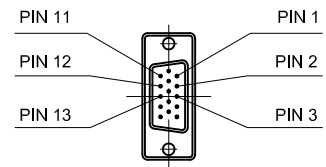


| SPECIFICATION | CONNECTION | BIPOLAR |
|---|------------|---------------------------------|
| VOTAGE(VOC) | | 2.20 |
| AMPS/PHASE | | 5.50 |
| RESISTANCE/PHASE(Ohms)@25°C | | 0.40±10% |
| INDUCTANCE/PHASE(mH)@1KHz | | 3.50±20% |
| HOLDING TORQUE(Nm)[lb-in] | | 4.50[39.83] |
| STEP ANGLE(°) | | 1.80 |
| STEP ACCURACY(NON-ACCUM) | | ±5.00% |
| LEAD STYLE | | FVR 4X0.75mm ² CABLE |
| LIFE(h) | | 6000 |
| TEMPERATURE RISE:MAX.80°C (MOTOR STANDSTILL;FOR 2PHASE ENERGIZED) | | |
| AMBIENT TEMPERATURE -10°C~50°C[14°F~122°F] | | |
| INSULATION RESISTANCE 100 Mohm (UNDER NORMAL TEMPERATURE AND HUMIDITY) | | |
| INSULATION CLASS B 130°C[266°F] | | |
| DIELECTRIC STRENGTH 500VAC FOR 1MIN.(BETWEEN THE MOTOR COILS AND THE MOTOR CASE) | | |
| AMBIENT HUMIDITY MAX.85%(NO CONDENSATION) | | |

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

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

34HS31-5504D-E1000