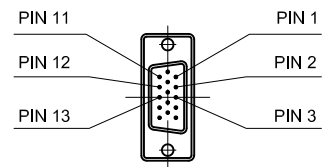


| SPECIFICATION  | CONNECTION | BIPOLAR       |
|--|------------|---------------|
| AMPS/PHASE   |            | 2.00          |
| RESISTANCE/PHASE(Ohms)@25°C  |            | 1.40±10%      |
| INDUCTANCE/PHASE(mH)@1KHz  |            | 3.00±20%      |
| HOLDING TORQUE(Nm)[lb-in]  |            | 0.59[5.22]    |
| STEP ANGLE(°)  |            | 1.80          |
| STEP ACCURACY(NON-ACCUM)   |            | ±5.00%        |
| LEAD STYLE   |            | AWG24 UL 1007 |
| 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 —     | GRN   | A —<br>A\ — |
| 2                           | A\ —    | BLK   |             |
| 3                           | B —     | RED   | B —<br>B\ — |
| 4                           | B\ —    | 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      |  | 8.21.2018 |
|       | CHKD      |  |           |
| 1:1.5 | DRN       |  |           |
| SCALE | SIGNATURE |  | DATE      |

**STEPPER MOTOR**

**17HS19-2004D-E1000**