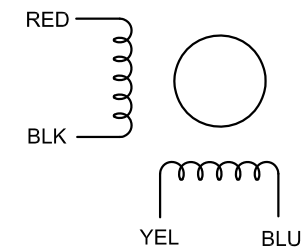


| SPECIFICATION  | CONNECTION | BIPOLAR                         |
|--|------------|---------------------------------|
| AMPS/PHASE   |            | 4.20                            |
| RESISTANCE/PHASE(Ohms)@25°C  |            | 0.80±10%                        |
| INDUCTANCE/PHASE(mH)@1KHz  |            | 8.00±20%                        |
| HOLDING TORQUE(Nm)[lb-in]  |            | 7.07[62.57]                     |
| STEP ANGLE(°)  |            | 1.80                            |
| STEP ACCURACY(NON-ACCUM)   |            | ±5.00%                          |
| LEAD STYLE   |            | FVR 4X0.75mm <sup>2</sup> 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   |         |

FULL STEP 2 PHASE-Ex.,  
WHEN FACING MOUNTING END (X)

| STEP | A | B | C | D |   | CCW |
|------|---|---|---|---|---|-----|
| 1    | + | + | - | - | ↓ | ↑   |
| 2    | - | + | + | - |   |     |
| 3    | - | - | + | + | ↑ | ↓   |
| 4    | + | - | - | + |   |     |



**STEPPERONLINE**®

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

**STEPPER MOTOR**

**34HS38-4204D**