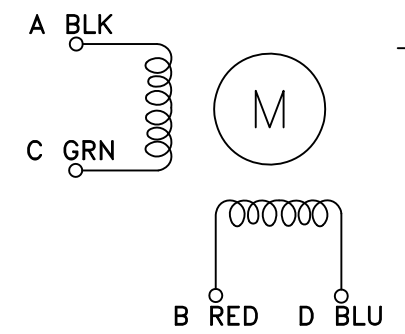


Label:

1.8° Stepper Motor  
42STH47-1684A(EMO)  
131205 MOTORS

Diagram



|                  |                     |                       |                    |      |        |                           |   |              |            |
|------------------|---------------------|-----------------------|--------------------|------|--------|---------------------------|---|--------------|------------|
| Items            | Specs               | Items                 | Specs              | C    | ---    | Crimped Connector Changed | R. Y  | J. B.        | 12. 5. 13  |
| Phase Number     | 2 phases            | Step Angle            | 1.8° ±5%           | B    | ---    | Wire Length               | Danny Z   | J. B.        | 1. 10. 13  |
| Rated Voltage    | 2.8 VDC             | Rated Current         | DC 1.68 A / Phase  | A    | ---    | New Release               | Danny Z   | J. B.        | 12. 07. 12 |
| Resistance(20°C) | 1.65±10% Ω / phase  | Inductance            | 2.8±20% mH / Phase | REV  | ECN NO | Description               | Made by   | Approve      | Date       |
| Holding Torque   | ≥ 5.0Kg-cm(70oz-in) | Detent Torque         | 0.2 Kg-cm REF.     |      |        |                           |   |              |            |
| Rotate Direction | ABCD A CW           | MAX Starting PPS      | 2500 PPS           |      |        | Scale                     | <p align="center"><b>Hybrid Stepper Motor</b><br/><b>42STH47-1684A(EMO)</b></p> |              |            |
| MAX slewing PPS  | 2500 PPS            | Insulation Resistance | ≥100 MΩ (DC 500V)  |      |        |                           |   |              |            |
| HI POT           | AC600V/1mA/1S       | Insulation Class      | Class B            |      |        |                           |   |              |            |
| Rotor Inertia    | 68 g. cm²           | Weigth                | 0.35 Kg REF.       | Des. | Check  | Appr.                     | Date  | Factory Code | page       |