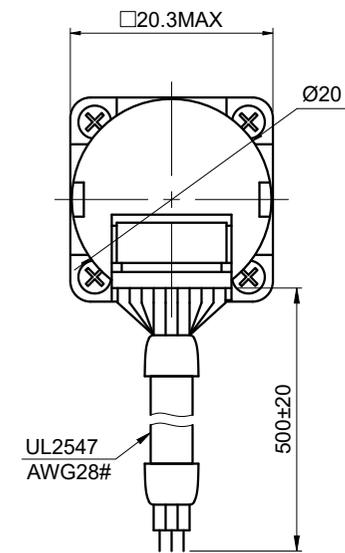
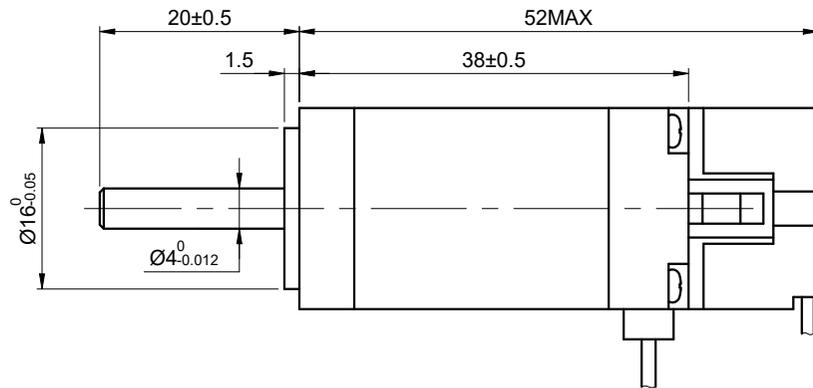
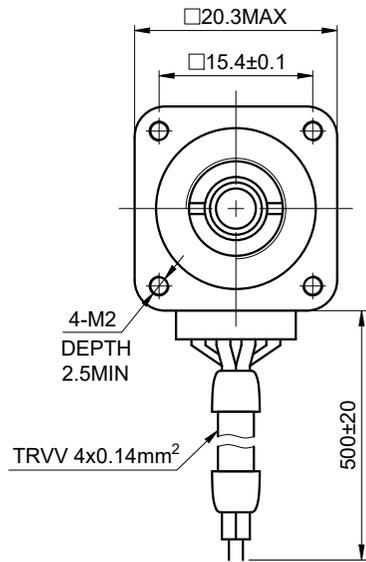


DWG NO. -



ENCODER RESOLUTION:1000PPR(4000CPR)

| | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-------------|
| LEAD COLOR | RED | BLK | WHT | BLU | GRN | BRN | YEL | PUE | THICK BLACK |
| DESCRIPTION | VCC | GND | EA+ | EA- | EB+ | EB- | EZ+ | EZ- | SHIELD |

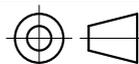
FULL STEP 2 PHASE-Ex.,WHEN FACING MOUNTING END (X)

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

UNIT mm
GB/T 1804-M EQV.ISO
2768-1 CLASS M:
≤6 ±0.1
>6~30 ±0.2
>30~120 ±0.3
>120~400 ±0.5

| WINDING | | | CONNECTION | BIPOLAR |
|---------|---------|-------|-----------------------------|------------------------|
| | | | SPECIFICATION | |
| | | | AMPS/PHASE | 0.60 |
| | | | RESISTANCE/PHASE(Ohms)@25°C | 8.30±10% |
| | | | INDUCTANCE/PHASE(mH)@1KHz | 2.90±20% |
| | | | HOLDING TORQUE(Nm)[lb-in] | 0.02[0.18] |
| | | | STEP ANGLE(°) | 1.80 |
| PIN NO | BIPOLAR | LEADS | STEP ACCURACY(NON-ACCUM) | ±5.00% |
| 1 | A+ | BLK | ROTOR INERTIA(g-cm²) | 4.50 |
| 2 | A- | GRN | WEIGHT(Kg)[lb] | — |
| 3 | B+ | RED | AMBIENT TEMPERATURE | -10°C~50°C[14°F~122°F] |
| 4 | B- | BLU | INSULATION CLASS | B 130°C[266°F] |
| | | | TEMPERATURE RISE | MAX.80°C |

OSMTEC®
Stepper Motor Specialists



mm

| | | | |
|-------|-----------|-----|-----------|
| UNITS | DRN | ZPJ | 1.15.2026 |
| 3:2 | APVD | YSX | 1.15.2026 |
| SCALE | SIGNATURE | | DATE |

STEPPER MOTOR

8HS15-0604D-E1000