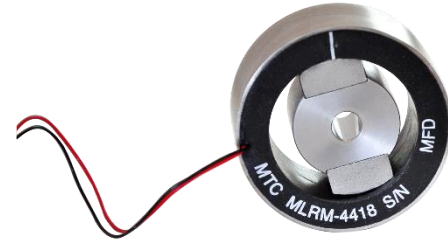


MLRM-4418

Limited Rotation DC Torque Motor

The MLRM-4418 is a limited rotation DC torque motor with smooth operation and without slot effect. This product provides high accuracy in positioning, actuating, tensioning, measuring and indicating applications, for military as well as commercial use.



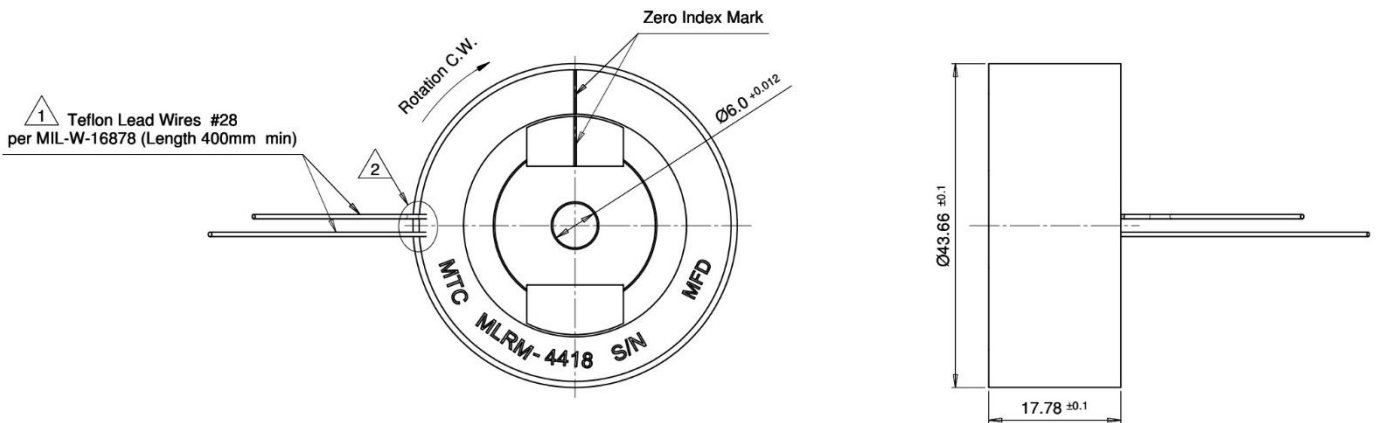
Features:

- The brushless operation eliminates electrical and mechanical noise, as well as explosion hazard.

Specifications

Parameters	Units
Input Voltage	16 VDC $\pm 3\%$
Resistance	2.2 Ohm $\pm 10\%$
Inductance	0.9 mH $\pm 33\%$
Peak Torque at range : -60° to +60°	105.93 mNm (min.)
Angular Excursion	± 60 deg
Torque Sensitivity	0.016 (Nm /A) $\pm 10\%$
Weight	125 gr (max.)

Drawing



NOTES:

- 1 DIRECTION OF ROTATION SHALL BE CLOCKWISE WITH INDEX MARKS ALIGNED AND AS VIEWED FROM LEAD SIDE WITH POSITIVE VOLTAGE (+) APPLIED TO BLACK LEAD AND NEGATIVE VOLTAGE (-) TO RED LEAD.
- 2 MAXIMUM HEIGHT OF MOTOR'S LEAD WIRES OUTPUT AREA 18.2 mm max.

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