

SCHEMATIC

7 BUILT TO RoHS COMPLIANCE AND LEAD FREE

AT THE BOTTOM OF THE BASE AS SHOWN.

LABEL PART NUMBER , REVISION AND DATE CODE

APPLY SILICONE BETWEEN COIL AND BASE

5

TIN LEADS (NO INSULATION IS ALLOWED BELOW THE BASE LEVEL)

WEIGHT = 23 GRAMS (TYP)

OPERATING TEMP RANGE = -40°C TO 125°C

MAX TEMP RISE = 30°C

INTERWINDING ISOLATION = 2000 VOLTS RMS

DCR ON EACH WINDING = 9.4m\(\Omega\) MAX

SRF = 1.6 MHz TYPICAL

RATED VOLTAGE = 1000 VAC OR VDC

RATED CURRENT = 7 AMPS

LEAKAGE INDUCTANCE = 4.57uH TYP @ 10KHz, 0.25 Vrms

INTERWINDING CAPACITANCE = 8pF TYP @ SRF

IMPEDANCE = 4.3K\(\Omega\) TYPICAL @ SRF

L = 7mH MIN. @ 1 KHz, 0.25 Vrms, 0 ADC

3 SPECIFICATIONS AT 25°C:

TOP VIEW

WIRE: UL RECOGNIZED 200°C RATED MAGNET WIRE CWS BYTEMARK OR OTHER APPROVED PART CORE: NANOCRYSTALLINE OR AMORPHOUS CORE

2>

CASE RATING CLASS B (130°C) REQUIRED MATERIAL: UL RECOGNIZED FOR FLAMMABI

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ANY TOLERANCE. THIS DIM. CAN VARY A LITTLE FROM PART TO PART.
"TYP" IN DIM. TOL. TABLE REFERS TO A NON-CRITICAL TYPICAL (AVERAGE) DIM. WITHOUT
NOTES: UNLESS OTHERWISE SPECIFIED, READ NOTES FROM BOTTOM TO TOP.

NOTES: UNLESS OTHERWISE SPECIFIED, READ NOTES FROM BOTTOM TO TOP CAGE CODE: 5DME2



REV ECN

REVISION HISTORY

DESCRIPTION

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DATE

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PRODUCTION RELEASE

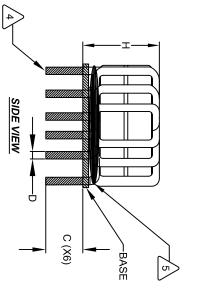
UPDATED SPEC.

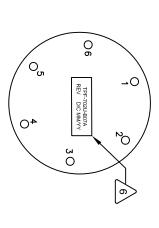
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06/07/21 JL

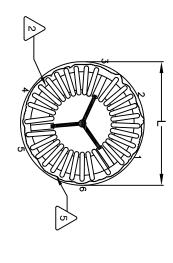
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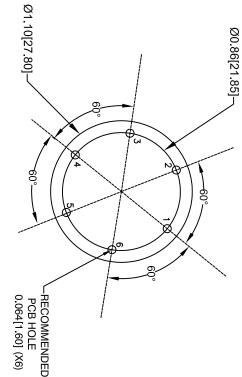
TN 01/22/2020 JL 01/22/2020











MOUNTING HOLES PATTERN (TOP VIEW)

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