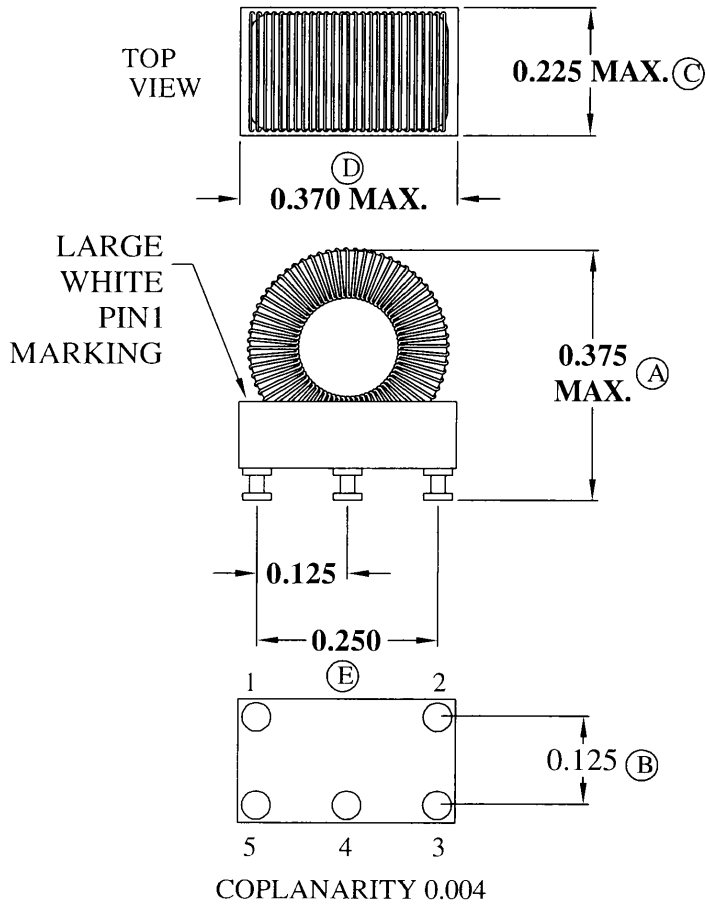


MECHANICAL

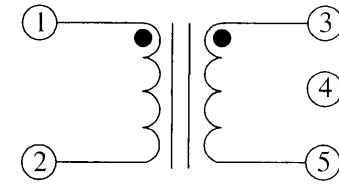


- MARKING REQUIREMENTS: MARK PRIMARY PACKAGING CONTAINER.

500-2746
YYWW

- CONFORMAL COAT WITH SC 281
- AMBIENT TEMPERATURE RANGE:
OPERATING: -46°C TO +125°C
NON-OPERATING: -51°C TO +125°C
- THERMAL SHOCK: IN ACCORDANCE WITH MIL-STD-202, METHOD 107 EXCEPT STEP 3
TEMPERATURE SHALL BE +125°C.
NUMBER OF CYCLES: FIVE (5)
- UNITS SHALL BE CAPABLE OF MEETING SOLDERABILITY IN ACCORDANCE WITH MIL-STD-202, METHOD 208.
- MAGNET WIRE SHALL BE IN ACCORDANCE WITH JW-1177/42 (155°C CLASS) NEMA MW80

SCHEMATIC



PIN 4 IS A DUMMY TERMINAL

ELECTRICAL SPECIFICATIONS

TURNS RATIO: 1:1

OPEN CIRCUIT INDUCTANCE: 1.25mH ±25% 10 KHz 100mV

PRIMARY LEAKAGE INDUCTANCE: 170nH MAX.

(1-2 SH 3, 5) 120 KHz 50mV

DC RESISTANCE: 0.360 OHMS MAX. (1-2) (3-5)

INTERWINDING CAPACITANCE: 64pF MAX. (1-5)
120 KHz 50mV

HIGH VOLTAGE TEST: 300 VRMS BETWEEN WINDINGS

SRF: 900 KHz MIN.

DESIGN PER:

BH CATALOG

CUSTOM NON-PROPRIETARY

DRAWN: K. LOFTUS

ENGR: B. HAYS

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS IN INCHES, TOLERANCES
NON-CUMULATIVE
.XX±.01 .XXX±.005

PAGE 1 OF 1

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BURNSVILLE & MARSHALL, MN
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TITLE: TRANSFORMER,
GATE DRIVE

PART NO. 500-2746

J	10-21-11	REVISE NOTE 6	
ISSUE	DATE	REVISION (Q10963)	BY