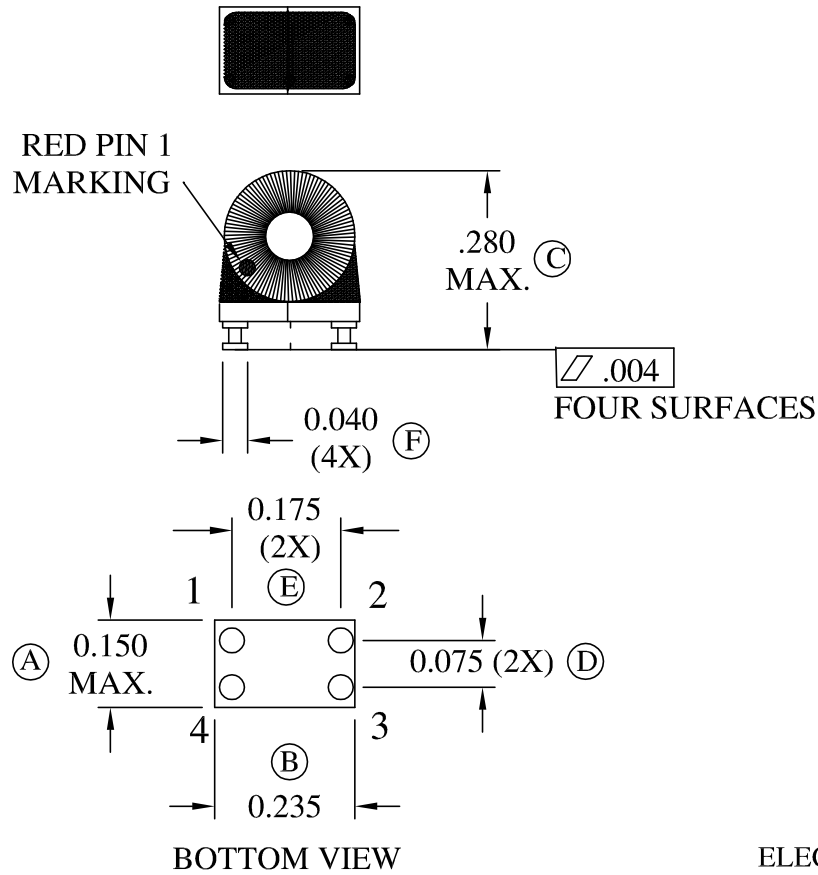
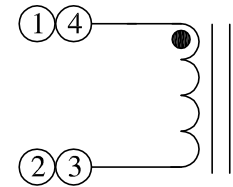


MECHANICAL



SCHEMATIC



- MARKING REQUIREMENTS: MARK PRIMARY PACKAGING CONTAINER.
501-0912
BH 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
- UNIT TO BE MARKED WITH A RED DOT ABOVE PIN #1.
- UNITS SHALL BE CAPABLE OF MEETING RESISTANCE TO SOLVENTS IN ACCORDANCE WITH MIL-STD.202, METHOD 215.
- LEAD WIRES SOLDERED WITH SN10 PB88 AG02 SOLDER

ELECTRICAL SPECIFICATIONS

OPEN CIRCUIT INDUCTANCE: 0.977-1.51μH @ 10mVRMS 100 KHz
 INDUCTANCE WITH DC BIAS: 0.840μH MIN. @ 100 mVRMS, 100 KHz AND 1.0 ADC
 DC RESISTANCE: 0.022 OHMS MAX..
 SRF: 300 MHz MIN.

DESIGN PER:

BH CATALOG

CUSTOM NON-PROPRIETARY X

DRAWN: K. LOFTUS

ENGR: B. HAYS

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

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BH ELECTRONICS, INC.
 BURNSVILLE & MARSHALL, MN

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TITLE: **INDUCTOR**

PART NO. **501-0912**

ISSUE	DATE	REVISION (Q11006-2)	BY
H	10-7-11	REVISE WIRE SPEC	JDC
G	4-21-10	ECR #8593 REVISE MECHANICALS	JDC