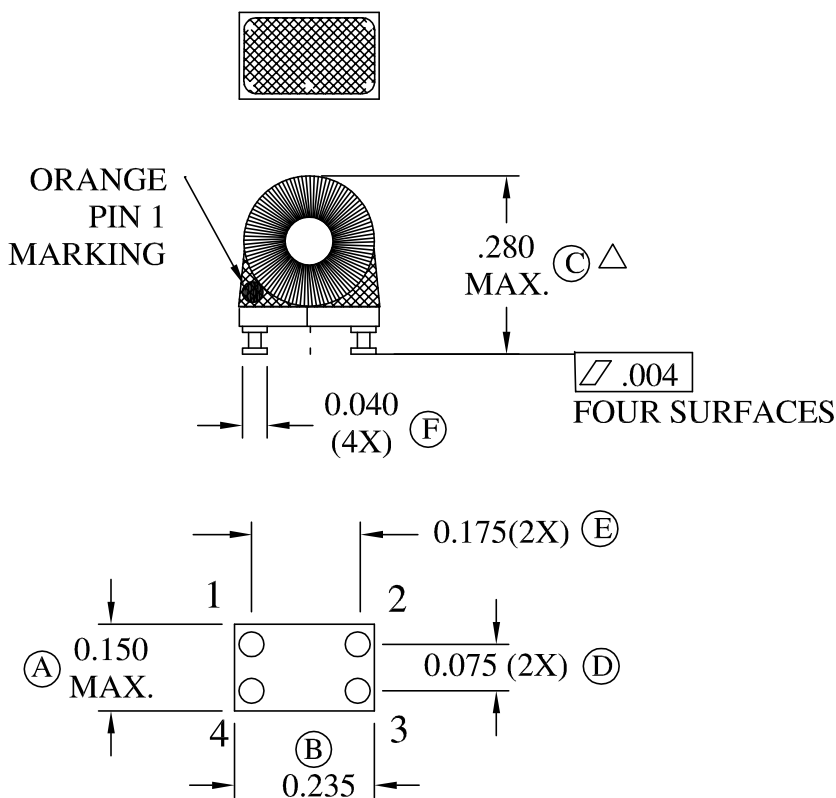
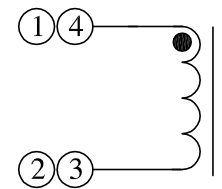


MECHANICAL

SCHEMATIC



BOTTOM VIEW



- MARKING REQUIREMENTS: MARK PRIMARY PACKAGING CONTAINER.

501-0913

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 ORANGE 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: 4.31-6.65μH 100 KHz 10mV

INDUCTANCE WITH DC BIAS: 3.0μH MIN. @ 100 mVRMS, 100 KHz AND .5 ADC

DC RESISTANCE: 0.105 OHMS MAX.

SRF: 100 MHz NOM.

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

PAGE 1 OF 1



BH ELECTRONICS, INC.  
BURNSVILLE & MARSHALL, MN

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TITLE:

INDUCTOR

PART NO.

501-0913

H	10-7-11	REVISE WIRE SPEC	JDC
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ISSUE	DATE	REVISION (Q11006-3)	BY
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