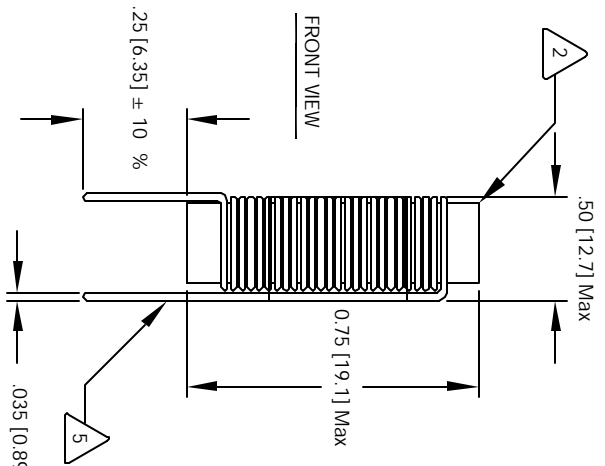


The information contained in this drawing is the sole property of CWS Coil Winding Specialist. Any reproduction in part or whole without written permission of CWS Coil Winding Specialist is prohibited.

REVISION HISTORY			
REV	ECN	DESCRIPTION	DATE
A		PRODUCTION RELEASE	12/11/04



- INDUCTANCE DROPS 10% FROM ZERO ADC VALUE SATURATION CURRENT IS THE CURRENT AT WHICH THE TEMP. RISE ABOVE AMBIENT OF 25 °C.
MAX DC CURRENT IS AVERAGE CURRENT FOR 40 °C NOTES:
EPOXY LEADS TO CORE
.05" ABOVE THE CORE EDGE, AND
REMOVE INSULATION AND TIN LEADS
- WIND COILS EVENLY SPACED
- CONSTRUCTION:
MAX TEMP RISE AT MAX CURRENT = 40 °C
HI-POT TEST FOR CORE TO WINDING = 500 VDC
DCR = 23 MILLI-OHMS MAX @ 25 °C
SATURATION CURRENT = 3 AMPS
L = 10 uH ± 10%, 15.75 KHZ, 0.1 Vrms, 0 ADC;
SPECIFICATIONS: MAX RMS (DC) CURRENT = 3 AMPS

- WIRE: UL RECOGNIZED 130°C RATED MAGNET WIRE
CWS BYTEMARK OR OTHER APPROVED PART
CORE: MANGANESE ZINC FERRITE ROD
- RATING CLASS B (130°C) REQUIRED
MATERIAL: WIRE INSULATION - UL RECOGNIZED 94V-0 FOR FLAMMABILITY

NOTES: UNLESS OTHERWISE SPECIFIED, POWER INDUCTOR, DIMENSIONS IN INCHES [MM], READ FROM BOTTOM UP

VERTICAL MOUNT

CODE IDENT	MFG. P/N	DESCRIPTION	ITEM NO.
		PARTS LIST	

UNLESS OTHERWISE SPECIFIED	
TOLERANCE PER NAS 11.5M	
ALL DIMENSIONS ARE IN NOTES AND DIMENSIONS ARE IN NOTES	
TOLERANCE INCHES	±.0030
TOLERANCE METERS	±.0750
ANGLE PROJECTION	AS SHOWN
DO NOT SCALE DRAWING	

DATE	BY	APPR.	SCALE	REV
12/11/04	TK	JLW	B	A