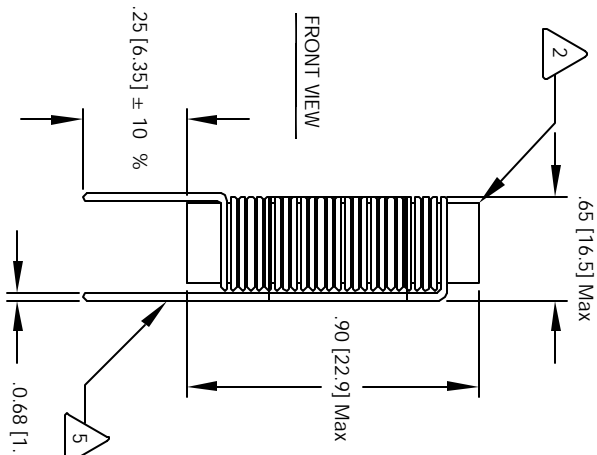


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REVISION HISTORY			
REV	ECN	DESCRIPTION	DATE
A		PRODUCTION RELEASE	1/28/05



VERTICAL MOUNT

FRONT VIEW

SCHEMATIC

MOUNTING HOLES PATTERN

- 1 MATERIAL: WIRE INSULATION - UL RECOGNIZED 94V-0 FOR FLAMMABILITY
- 2 RATING CLASS B (130°C) REQUIRED
- 3 WIRE: UL RECOGNIZED 130°C RATED MAGNET WIRE
CWS BYTEMARK OR OTHER APPROVED PART
CORE: MANGANESE ZINC FERRITE ROD
- 4 WIND COILS EVENLY SPACED
- 5 CONSTRUCTION:
MAX TEMP RISE AT MAX CURRENT = 40 °C
HI-POT TEST FOR CORE TO WINDING = 500 VDC
DCR = 3 MILLI-OHMS MAX @ 25 °C
SATURATION CURRENT = 15 AMPS
L = 1.5 uH ± 10% . 15.75 KHZ, 0.1 Vrms, 0 ADC;
SPECIFICATIONS: MAX RMS (DC) CURRENT = 15 AMPS
- 6 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

UNLESS OTHERWISE SPECIFIED	DO NOT SCALE DRAWING
TOLERANCE INCHES X.XXX ± .002 .XXX ± .015 X.XXX ± .127 .XXX ± .38	← -4.0°/30° ← -4.0°/30°
TOLERANCE METERS	
ALL DIMENSIONS ARE IN NOTES AND DIMENSIONS	
TOLERANCE PER FIG 11.5M	
INDUSPRO AND	

CODE IDENT	MFG. P/N	DESCRIPTION	ITEM NO.
AUTOCAD SOLIDWORKS SIGN	X	PARTS LIST	
DATE	DATE	CWS Coil Winding Specialist 1510 E. Edinger Ave. Unit B, Santa Ana, CA 92705	
TKK	1/26/05	Power Chokes	
JLJU	1/26/05	Vertical Mount	
DKR	1/28/05	SIZE DIM. IN.	REV
JLJU	1/28/05	B	A
		PV-152-15	
		SCALE 2=1	SHEET 1 OF 1