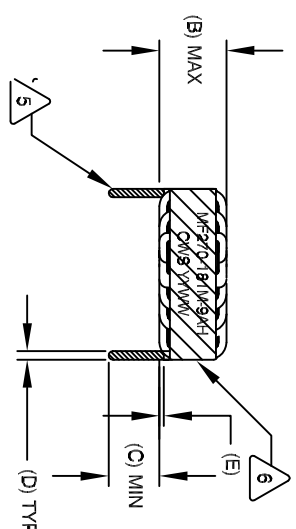


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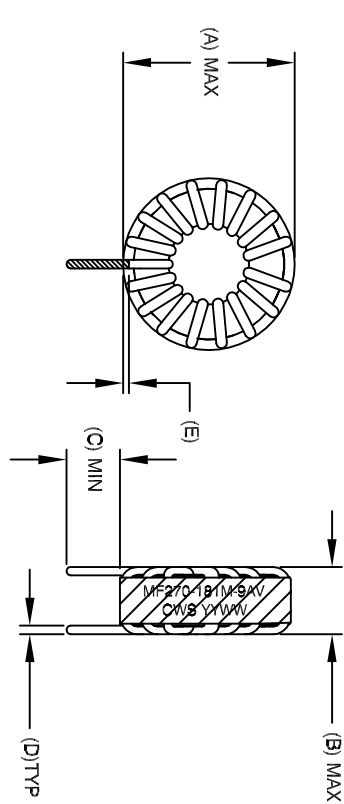
DIMENSIONAL TOLERANCE										
A (OD) MAX	B (HGT) MAX	C (LEAD) MIN	D (LEAD OD) TYP	E MIN/MAX	P1 REF	P2 REF				
1.350 [34.29]	.700 [17.78]	.500 [12.70]	.051" [1.30]	.040-.080 [1.00-1.90]	.800" [20.32]	1.200" [30.48]				

REVISION HISTORY				SIGN & DATE		
REV	ECN	DESCRIPTION	BR	DATE	CHK	DATE
A		INITIAL RELEASE	KLC	10/1/10	AK	10/1/10



FRONT VIEW

HORIZONTAL

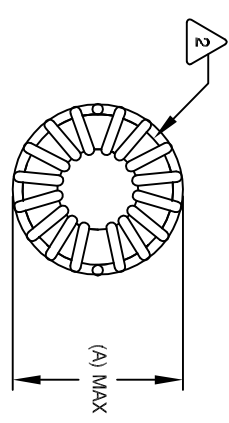


FRONT VIEW

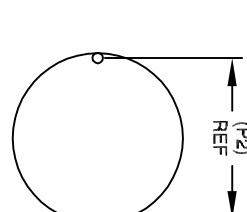
SIDE VIEW

VERTICAL

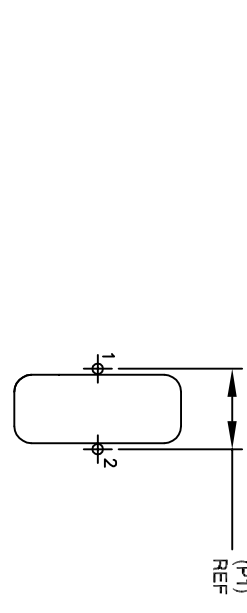
- 6 TO THE CORE MUST REST FLAT ON PCB; LEADS MUST BE TANGENT FLUSH WITH THE COIL EDGE, AS SHOWN (I.E. COIL REMOVE INSULATION AND TIN LEADS 0.50 INCH
- 5 WIND COILS EVENLY SPACED AROUND THE CORE CONSTRUCTION:
- 4 THESE SPECIFICATIONS ARE BASED ON LOW RIPPLE CURRENT WEIGHT: ~ 53 GRAM OPERATING TEMP: -55°C TO +180°C HI-POT TEST FOR WINDING TO CORE ISOLATION = 1250 VDC 5 SEC AT IDC OF 10 AMPS, LESS THAN 40 °C TEMP. RISE DCR = 35.0 MILLI-OHMS MAX. INDUCTANCE @ 9 AMP ~ 127 uH (LESS THAN 10% RIPPLE) INDUCTANCE @ 7.5 AMP ~ 140 uH (LESS THAN 10% RIPPLE) INDUCTANCE = 180 uH ± 15% @ LOW DC BIAS, 100 KHZ, 250mV SPECIFICATIONS:



BOTTOM VIEW

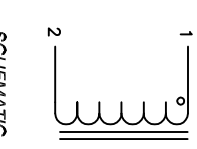


MOUNTING HOLES PATTERN



MOUNTING HOLES PATTERN

- 3 WIRE: UL RECOGNIZED 200°C RATED MAGNET WIRE CWS BYTEMARK OR OTHER APPROVED PART CORE: POWDERED TOROIDAL CORE
- 2 RATING CLASS H (180 °C) REQUIRED MATERIAL: UL RECOGNIZED 94V-0 FOR FLAMMABILITY



SCHEMATIC

NOTES: UNLESS OTHERWISE STATED, READ NOTES FROM BOTTOM UP

CODE IDENT		MFG. P/N		DESCRIPTION		ITEM NO.
AUTOCAD	X			PARTS LIST		
SOLIDWORKS				CWS Coil Winding Specialist.		
SIGN	DATE			353 W Grove Ave		
				Orange, CA 92865		
TITLE:		POWER INDUCTOR, HIGH TEMP				
DRWN	10/1/10	180 uH, 9 Amp				
CHKD	AK					
ENGR.	10/1/10					
APPR.	10/1/10					
SCALE:		B		SIZE: DIM. IN.		REV
DO NOT SCALE DRAWING		2=1		MF270-181M-9A **		A