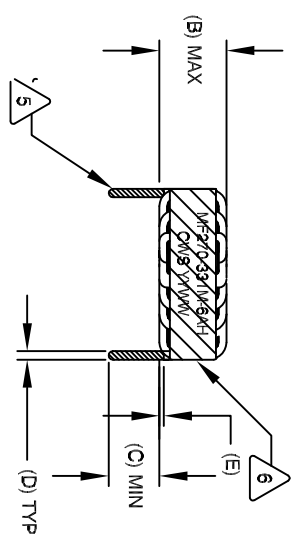


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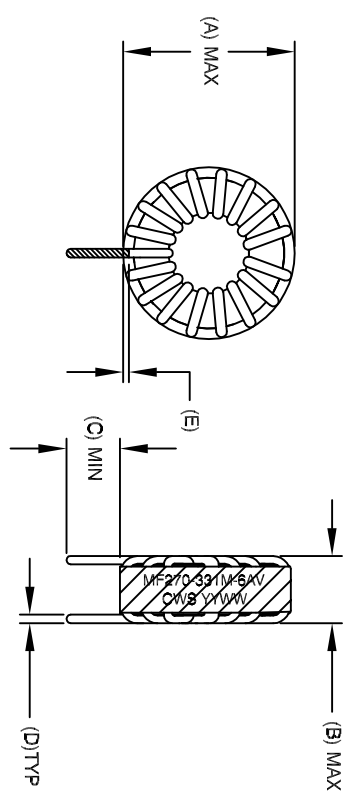
DIMENSIONAL TOLERANCE						
A (OD) MAX	B (HGT) MAX	C (LEAD) MIN	D (LEAD OD) TYP	E MIN/MAX	P1 REF	P2 REF
1.350 [34.28]	.750 [19.05]	.500 [12.70]	.040 [1.02]	.040-.080 [1.00-1.90]	.800 [20.32]	1.200 [30.48]

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



FRONT VIEW

HORIZONTAL

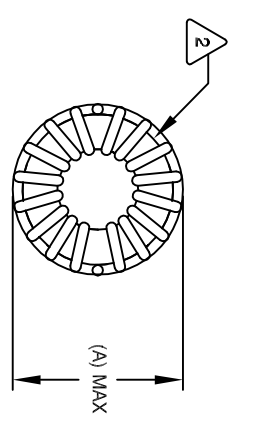


FRONT VIEW

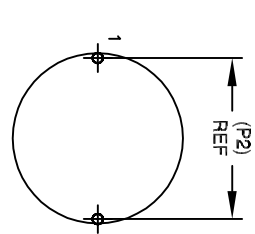
SIDE VIEW

VERTICAL

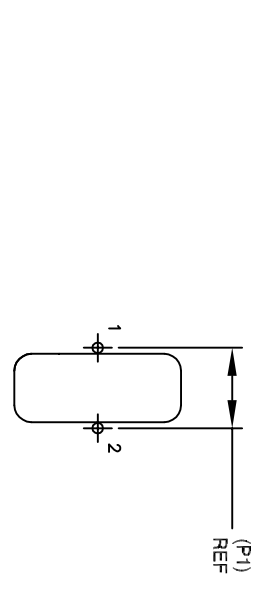
- 8 BUILD TO ROHS COMPLIANCE
- 7 ** ADD SUFFIX "H" FOR HORIZONTAL & "V" FOR VERTICAL
USING A PERMANENT MARKING METHOD
MARK PART NUMBER AND REVISION, IF APPLICABLE
WRAP INDUCTOR WITH 3M # 89 OR EQUAL
- 6 TO THE CORE
MUST REST FLAT ON PCB; LEADS MUST BE TANGENT
FLUSH WITH THE COIL EDGE, AS SHOWN (I.E. 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: ~ 58 GRAM
OPERATING TEMP: -55°C TO +180°C
HI-POT TEST FOR WINDING TO CORE ISOLATION = 1250 VDC 5 SEC
AT IDC OF 6 AMPS, LESS THAN 40 °C TEMP. RISE
DCR = 70.0 MILLI-OHMS MAX.



BOTTOM VIEW

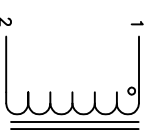


MOUNTING HOLES PATTERN



MOUNTING HOLES PATTERN

- 3 INDUCTANCE @ 6 AMP ~252 uH (LESS THAN 10% RIPPLE)
INDUCTANCE = 336 uH ±15% @ LOW DC BIAS, 100 KHZ, 250mv
SPECIFICATIONS:
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 SIGN	X		
SOLIDWORKS SIGN			

DATE	BY	CHK	DATE
10/1/10	AK		

DATE	BY	CHK	DATE
10/1/10	AK		

DATE	BY	CHK	DATE
10/1/10	AK		

DATE	BY	CHK	DATE
10/1/10	AK		

DATE	BY	CHK	DATE
10/1/10	AK		

DATE	BY	CHK	DATE
10/1/10	AK		