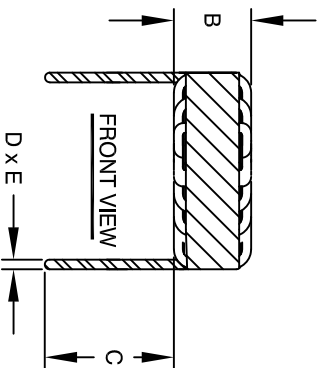
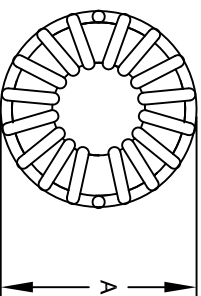
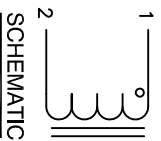


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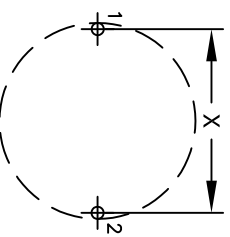


DIMENSIONAL TOLERANCES INCHES (MM)					
A	B	C	D	E	X
MAX	MAX	MIN	REF	REF	REF
2.20	1.00	0.75	0.18	0.09	2.12
[56.00]	[25.40]	[19.00]	[4.50]	[2.20]	[54.00]

REVISION HISTORY				SIGN & DATE		
REV	ECN	DESCRIPTION	BY	DATE	CHK DATE	
B	-	UPDATE SPECIFICATIONS	TN	10/31/2017	JL	10/31/2017
C	-	UPDATE SPEC.	TI	06/17/2020	JL	06/17/2020



DC BIAS TABLE	
DC BIAS (AMP)	L @ 1.0 KHz
0	27uH
10	26uH
20	26uH
30	25uH
35	24uH
40	24uH
45	23uH



- BUILD TO ROHS COMPLIANCE AND LEAD FREE.  
USING A PERMANENT MARKING METHOD  
MARK PART NUMBER AND REVISION. IF APPLICABLE  
WRAP INDUCTOR WITH 3M # 79 OR EQUAL
- (I.E. COIL MUST REST FLAT ON PCB). LEADS MUST BE TANGENT TO THE CORE  
REMOVE INSULATION AND TIN LEADS 0.50 INCH, FLUSH WITH THE COIL EDGE, AS SHOWN
- WIND COILS EVENLY SPACED AROUND THE CORE  
CONSTRUCTION:  
THESE SPECIFICATIONS ARE BASED ON LOW RIPPLE CURRENT  
WEIGHT: 227 GRAMS TYPICAL  
INTERWINDING CAPACITANCE = 8.44pF TYP @ SRF  
SRF = 10MHZ TYPICAL  
 $|Z| = 3.67$  KILLO-OHMS TYP @ SRF  
RECOMMENDED AMBIENT OPERATING TEMP: -40°C TO 125°C  
HIPOT TEST FOR WINDING TO CORE ISOLATION = 1250 VDC 10 SEC  
CURRENT RATING : 45 AMPS, 40°C TEMP. RISE WITH SOME AIR FLOW  
DCR = 3.0 MILLI-OHMS MAX.  
INDUCTOR DC BIAS: SEE TABLE ON THE RIGHT  
INDUCTANCE =  $26\mu H \pm 15\%$  @ 0 AMP DC BIAS, 1.0 KHz, 300mV  
SPECIFICATIONS @ 25°C :

- WIRE: UL RECOGNIZED 200°C RATED MAGNET WIRE  
CORE: POWDERED TOROIDAL CORE, CWS BYTEMARK OR OTHER APPROVED PART
- MATERIAL: UL RECOGNIZED 94V-0 FOR FLAMMABILITY, RATING CLASS (200°C MIN.) REQUIRED  
ANY TOLERANCE. THIS DIM. CAN VARY A LITTLE FROM PART TO PART.  
\*TYP\* IN DIM. TABL. TABLE REFERS TO A NON-CRITICAL TYPICAL (AVERAGE) DIM. WITHOUT  
NOTES: UNLESS OTHERWISE STATED, READ NOTES FROM BOTTOM UP.  
CAGE CODE: 5DME2

UNLESS OTHERWISE SPECIFIED	
DIMENSIONING AND TOLERANCE PER ANSI Y14.5M AND (MILLIMETERS):	
TOLERANCE INCHES:	$\phi$ - $\pm 0.30$
.XXX = ±.005 XX = ±.015	
TOLERANCE METRICS:	$\phi$ - $\pm 0.30$
.XXX = ±.127 XX = ±.38	
ANGLE PROJECTION	
DO NOT SCALE DRAWING	

CODE IDENT	MFG. P/N	DESCRIPTION	ITEM NO.
<b>PARTS LIST</b>			
AUTOCAD	X	CWS Coil Winding Specialist.	
SOLIDWORKS		353 W Grove Ave Orange, CA 92865	
DRWING	TN	DATE	10/04/2017
CHKD	JL	DATE	10/04/2017
ENGR.	AM	DATE	10/04/2017
APPR.	JL	DATE	10/04/2017
TITLE:		SIZE	DWG. NO.
TOROIDAL POWER INDUCTOR		B	HF467-260M-45AH
26 uH, 45 Amps, Horizontal		SCALE	2=1
		SHEET	1 OF 1