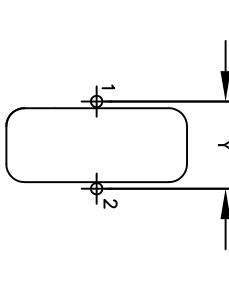
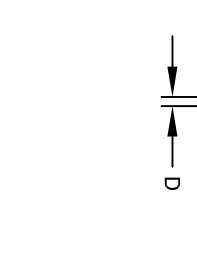
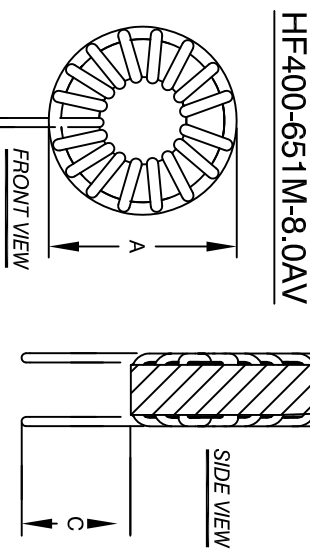
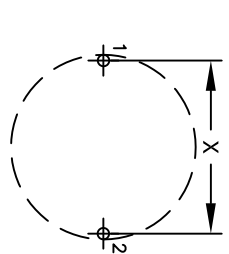
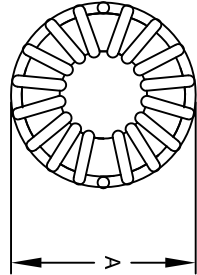
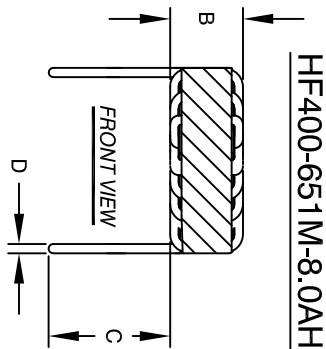


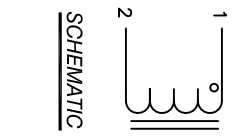
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DIMENSIONAL TOLERANCES (INCHES [MM])					
A	B	C	D	X	Y
M/AX	M/AX	M/IN	REF	REF	REF
1.83 [46.5]	.874 [22.2]	.75 [19.05]	.06 [1.52]	1.75 [44.45]	.787 [20.0]

REVISION HISTORY			
REV	ECN	DESCRIPTION	DATE
--		INITIAL PRODUCTION RELEASE	



- BUILT TO ROHS COMPLIANCE.
- IF APPLICABLE, LABEL PART NUMBER AND REVISION POSITION LEADS AS REQUIRED
- REMOVE WIRE INSULATION AND TIN WIND COILS EVENLY SPACED
- CONSTRUCTION:
- WEIGHT: ~130 GRAMS
- HI-POT WINDING-TO-CORE 1250 V AC, 10 SEC INTERWINDING CAPACITANCE 70pF TYPICAL @ SRF
- DCR = 50mΩ MAX
- SRF ~ 832.5kHz TYPICAL
- MAX TEMP: RISE @ IDC 8 AMP, LESS THAN 50°C WITH NO AIRFLOW
- DC BIASED = 5.0 AMPS, INDUCTANCE = 430 UH
- DC BIASED = 8.0 AMPS, INDUCTANCE = 330 UH
- INDUCTANCE @ 0 AMP = 650uH±15% (LESS THAN 10% RIPPLE)
- TEST FREQUENCY: 1.0 KHZ ; TEST VOLTAGE: 250mV
- RATED MAX. CURRENT = 8 AMPS RMS ; FREQUENCY: 1KHZ
- OPERATING TEMPERATURE RANGE : -40° TO 180°C
- SPECIFICATIONS @ 25°C
- WIRE: UL RATED CLASS 200°C
- CORE: HIGH TEMP POWDERED CORE
- RATING UL-CLASS H (180°C) REQUIRED
- MATERIAL: UL RECOGNIZED FLAMMABILITY



CODE IDENT	MFG. P/N	DESCRIPTION	ITEM NO.
AUTOCAD	X		
SOLIDWORKS			
DRAWN	8/6/08		
CHECKED	8/6/08		
ENGR.	8/6/08		
APPR.	8/6/08		

UNLESS OTHERWISE SPECIFIED	DIMENSIONING AND TOLERANCE PER ANSI Y14.5M
ALL DIMENSIONS ARE IN INCHES AND [MILLIMETERS]	
TOLERANCE INCHES:	∅ = +0.030
.XXX±.005 .XX±.015	
TOLERANCE METRICS:	∅ = +0.30
.XXX±.127 .XX±.38	
ANGLE PROJECTION	AS SHOWN
DO NOT SCALE DRAWING	

PARTS LIST		CWS Coil Winding Specialist.	
COILWS COM, INC		353 WEST GROVE	
WWW.COILWS.COM		ORANGE, CA 92865	
TITLE: Toroidal Power Inductor			
SIZE	UNC. NO.	REV	
B	HF400-651M-8.0A	--	
SCALE	2=1	SHEET	1 OF 1