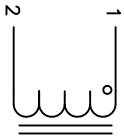


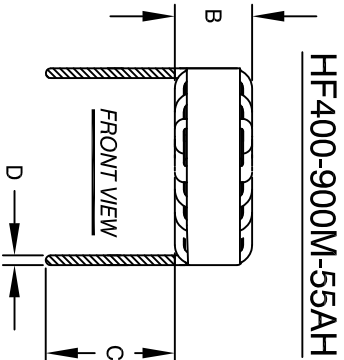
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DIMENSIONAL TOLERANCES INCHES [MM]					
A	B	C	D	X	Y
MAX	MAX	MIN	REF	REF	REF
2.01 [51.000]	1.20 [30.48]	1.00 [25.4]	0.112 [2.86]	1.85 [46.99]	1.05 [26.67]

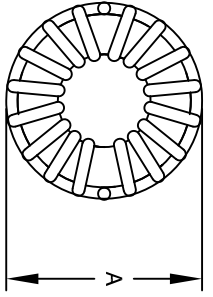
REVISION HISTORY			SIGN & DATE			
REV	ECN	DESCRIPTION	BY	DATE	CHK	DATE
A		INITIAL PRODUCTION RELEASE	TN	10/03/17	JL	10/03/17
A1		REVISED DIM. X,Y AND REMOVE DIM. E	TN	06/20/18	JL	06/20/18



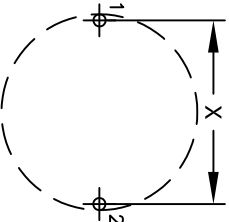
SCHEMATIC



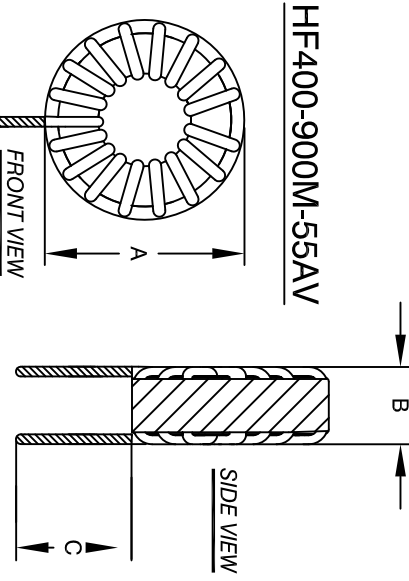
HF400-900M-55AH



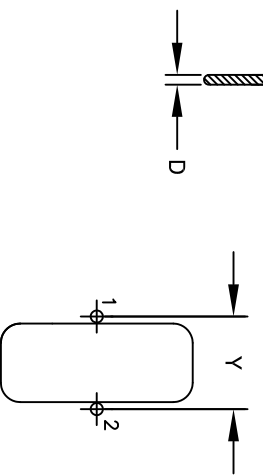
BOTTOM VIEW



MOUNTING HOLES PATTERN



HF400-900M-55AV



MOUNTING HOLES PATTERN

- 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: ~189.5 GRAMS
- HIPOT WINDING-TO-CORE 1250 V AC; 2mA, 10 SEC
DCR = 7.0 MILLI-OHMS MAX
MAX TEMP. RISE @ IDC 55 AMPS, LESS THAN 70°C WITH NO AIRFLOW
DC BIASED = 55 AMPS, INDUCTANCE = 32.8 uH (TYP)
DC BIASED = 15 AMPS, INDUCTANCE = 81.0 uH (TYP)
INDUCTANCE @ 0 AMP = 90uH (TYP)
TEST FREQUENCY: 1.0 KHZ ; TEST VOLTAGE: 250mV
RATED MAX. CURRENT = 55 AMPS RMS ; FREQUENCY: 1KHZ
OPERATING TEMPERATURE RANGE : -40° TO 200°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

NOTES: UNLESS OTHERWISE SPECIFIED, READ NOTES FROM BOTTOM TO UP.

CODE	IDENT	MFG. P/N	DESCRIPTION	ITEM NO.
PARTS LIST				
AUTOCAD	SIGN	DATE	TITLE:	
TN	JL	10/03/17	COILS COM, INC	
JL	JM	10/03/17	353 WEST GROVE	
JL	JL	10/03/17	ORANGE, CA 92865	
UNLESS OTHERWISE SPECIFIED			CWS Coil Winding Specialist.	
DIMENSIONING AND TOLERANCE PER ANSI Y14.5M AND [MILLIMETERS].			TOROIDAL Power Inductor	
TOLERANCE INCHES: .XX = ±0.015 .X = ±0.030 .XXX = ±0.005 .XX = ±0.015 .X = ±0.030			90 uH, 55 Amp	
TOLERANCE METRICS: .XX = ±0.25 .X = ±0.38 .XXX = ±0.127 .XX = ±0.25 .X = ±0.38			SIZE [DIM. NO.]	
ANGLE PROJECTION			HF400-900M-55.0A	
DO NOT SCALE DRAWING			SCALE	
			2=1	
			SHEET 1 OF 1	