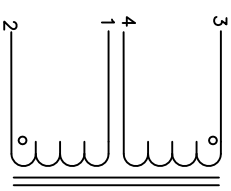
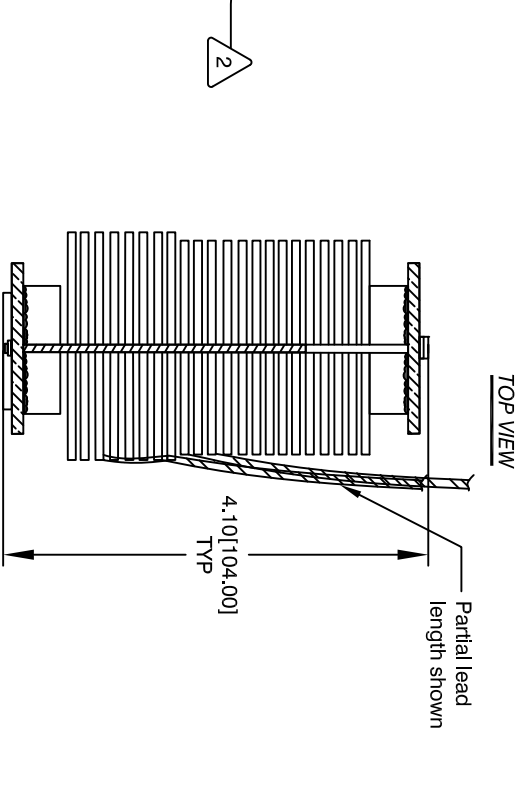
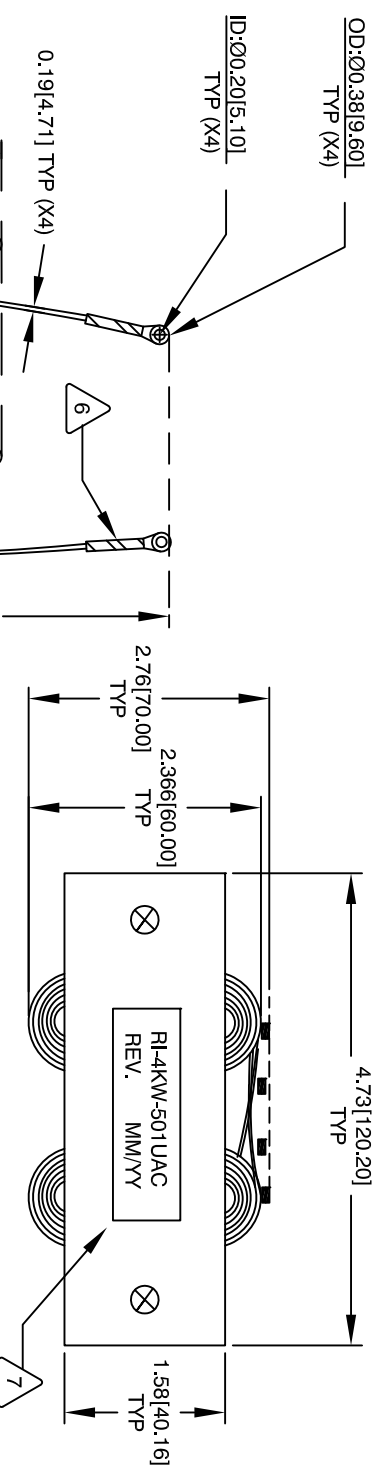


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SCHEMATIC

o = Polarity



- 8 BUILT TO ROHS COMPLIANCE AND LEAD FREE.
- 7 MARK PART NUMBER AND REVISION WHERE SHOWN
- 6 COVER JOINTS WITH HEATSHRINK TUBING (X8)
- 5 APPLY SILICONE WHERE SHOWN
- 4 INSTALLING BOLTS TO HOLD ASSEMBLY. APPLY SILICONE ON TOP AND BOTTOM OF CORES BEFORE WIND COILS TO CORES CONSTRUCTION
- 3 WEIGHT: 1810 GRAMS TYP  
MAX REACTOR TEMP RATING: 200°C  
RECOMMENDED OPERATING TEMP: -40°C TO 85°C  
HIPOT TESTING WINDING TO CORE: 1000VDC, 2mA, 3S.  
INTERWINDING CAPACITANCE = 370pF TYP @ SRF  
|Z| = 11 KIL-OHM'S TYP @ SRF  
SRF = 760KHz TYP  
RATED CURRENT: 25 AMPS AC  
DCR = 20 MILLI-OHM'S MAX.  
L = 0.5mH TYP, MEASURED AT 1 KHz, 0.25V, ZERO DC BIAS SPECIFICATIONS @ 25°C:
- 2 SILICONE DOW CORNING OR EQUAL  
FR4 SPACER TEMPERATURE RATING: 125°C TYP  
WIRE: UL RECOGNIZED 200°C RATED MAGNET WIRE  
CORE: COMPACT POWDERED CORE

1 INSULATION CLASS K (200°C) REQUIRED MATERIAL: UL RECOGNIZED 94V-0 FOR FLAMMABILITY

NOTES: UNLESS OTHERWISE SPECIFIED, READ FROM BOTTOM UP.  
CAGE CODE: 5DME2

REVISION HISTORY			SIGN & DATE			
REV	ECN	DESCRIPTION	BY	DATE	CHK	DATE
A		PRODUCTION RELEASE	TN	01/27/2020	JL	01/27/2020

QTY	CODE IDENT	MFG. P/N	DESCRIPTION	ITEM NO.
<b>PARTS LIST</b>				
			Coil Winding Specialist, Inc. 353 W. GROVE AVE ORANGE, CA 92665	

DIMENSIONING AND TOLERANCE PER ANSI Y14.5M AND [DIMETERS].		TITLE:	
TOLERANCE INCHES: XXX=±.010 XX=±.020 TOLERANCE METERS: XXX=±.254 XX=±.51	ANGLE PROJECTION	AC REACTOR	0.5mH, 25 Amps
UNLESS OTHERWISE SPECIFIED		MFG. P/N	
DRAWN TN 01/27/2020		DATE	
CHECKED JL 01/27/2020		ENGR. JL 01/27/2020	
APPR. JL 01/27/2020		SCALE: B	
DO NOT SCALE DRAWING		NOT TO SCALE	