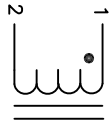
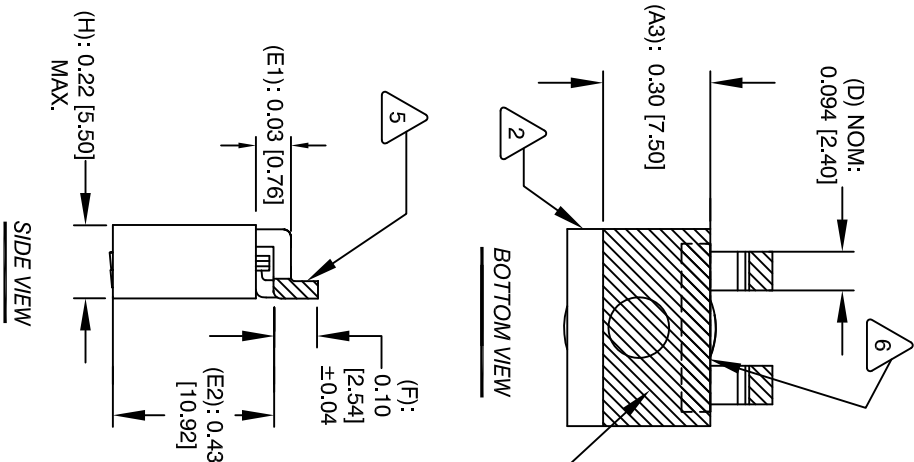


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SCHEMATIC

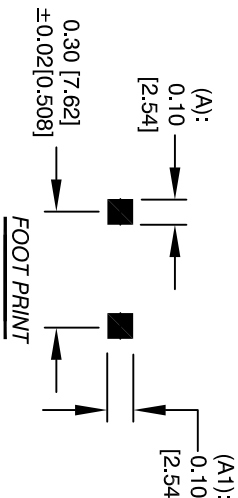
- 10 PACKAGE: TAPE & REEL 500 pcs PER REEL
- 9 BUILT TO ROHS COMPLIANCE AND LEAD FREE
- 8 WHERE SHOWN, USING A PERMANENT MARKING METHOD
MARK PART NUMBER AND REVISION APPROX
- 7 BOTTOM CORE AS SHOWN
APPLY ONE KAPTON TAPE TO COVER THE EDGES OF
- 6 FILL WINDING AND CORE WITH EPOXY 2 PART A&B (600°F, 315°C)
- 5 THE LEAD MUST REST FLAT ON PCB.
REMOVE INSULATION AND TIN LEADS APPROX. 0.10 INCH
- 4 HELIX WIND 3-3/4 TURNS TIGHT TO CORE AND EVENLY SPACED
CONSTRUCTION:
- 3 HI-POT (2 SECOND, 5mA MAX), 300 VRMS WINDING TO CORE
DCR= 1.8 MILLI-OHMS MAX. @ 25°C
L @ 0.5A DC = 1.24 uH
L = 1.4 uH ±15%, 0.25V, 0.5 A, 100Khz
SPECIFICATIONS @ 25°C
- 2 EPOXY: 2 PARTS A & B (600°F, 315°C)
WIRE: UL RECOGNIZED 200°C RATED MAGNET WIRE, JIS C3102
CWS BYTEMARK OR OTHER APPROVED PART
CORE: HIGH FLUX
- 1 HELICAL COIL RATING 200°C REQUIRED
MATERIAL: UL RECOGNIZED 94V-0 FOR FLAMMABILITY
- NOTES: UNLESS OTHERWISE SPECIFIED, READ FROM BOTTOM UP



BOTTOM VIEW

SIDE VIEW

REVISION HISTORY				
REV	ECN	DESCRIPTION	SIGN & DATE	
			BY	DATE
C1		REVERSE DIMENSION	TN	10/12/17
C2		REVERSED DIMENSION & ADDED LETTERS	TN	10/28/21
D		REVISED PART REVISION	TN	02/08/22



FOOT PRINT

A/R		CWS	8265-S	EPOXY 2 PARTS A&B (600°F, 315°C)	5
1	.42"	CWS	KAPTON TAPE	KAPTON TAPE, 0.25 Wx .42	4
1	2".0	CWS	ET126174	BLK, KAPTON TAPE, 0.375" W x 2.0"	3
1	EA	CWS	395275	2.4x .52mm RIBBON WIRE	2
2	EA	CWS		HIGH FLUX CORE	1
QTY	UM	CODE	IDENT	MFG. P/N	DESCRIPTION
ITEM NO.					

PARTS LIST

AUTOCAD		X		TITLE		CWS Coil Winding Specialist.	
SOLIDWORKS		SIGN		DATE		353 W. GROVE AVE ORANGE, CA 92865	
DRAWN		RLU		7/19/05		40 Amps Output Choke	
CHECKED		JLAU		7/19/05		(2.4mmx 0.52 mm 3-3/4T)	
ENGR.		KSUM		7/19/05			
APPR.		JLAU		7/19/05			
DO NOT SCALE DRAWING		SCALE		4=1		SHEET 1 OF 1	