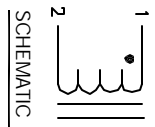


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REVISION HISTORY

REV	ECN	DESCRIPTION	DATE	BY	CHK	DATE
B		PRODUCTION RELEASE	4/08/05	RLU	JLU	4/08/05



8 BUILT TO ROHS COMPLIANCE AND LEAD FREE

7 WHERE SHOWN, USING A PERMANENT MARKING METHOD
MARK PART NUMBER AND REVISION

6 BOTTOM CORE AS SHOWN
APPLY ONE KAPTON TAPE TO COVER THE

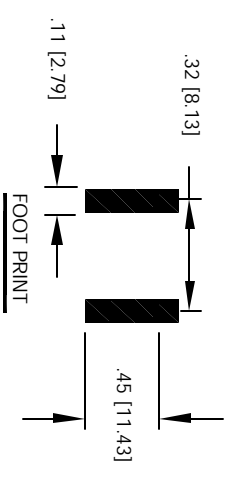
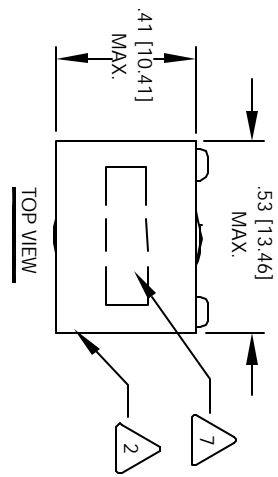
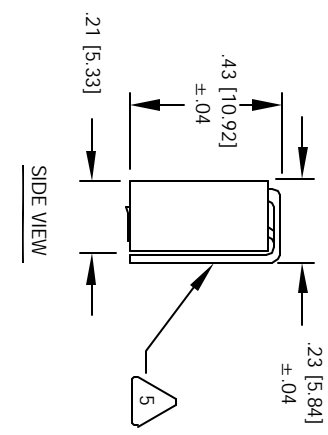
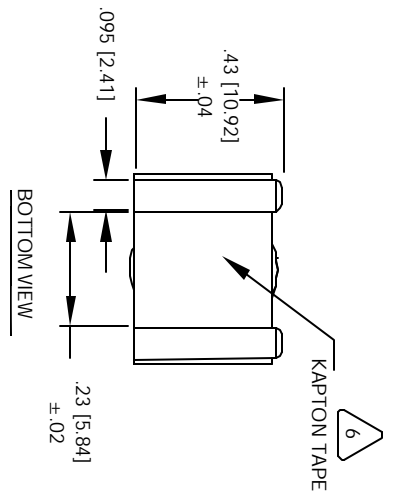
5 FILL WINDING AND CORE WITH EPOXY 2 PART A&B (600°F, 315°C)
THE LEAD MUST REST FLAT ON PCB.
REMOVE INSULATION AND TIN LEADS APPROX. 0.43 INCH

4 HELIX WIND 5-3/4 TURNS TIGHT TO CORE AND EVENLY SPACED
CONSTRUCTION:

3 SPECIFICATIONS @ 25°C
HIPOT (2 SECOND, 5mA MAX.) 300 VRMS WINDING TO CORE
DCR = 4.2 MILLI-OHMS MAX. @ 25°C
RATED CURRENT = 21A MAX. @ 125°C
L = 2.7uH ± 10%, 0.25V, 0.5 A, 100kHz @ 125°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.



A/R	QTY	UM	CODE	IDENT	MFG. P/N	DESCRIPTION	ITEM NO.
1	1	EA	CWS	8265-5	EPOXY 2 PARTS A&B (600°F, 315°C)		5
1	1	EA	CWS	KAPTON TAPE	KAPTON TAPE, 0.25 Wx .42		4
1	1	EA	CWS	E128174	BLK. KAPTON TAPE, 0.375" W x 2.0"		3
1	2	EA	CWS	395275	2.4x .3mm RIBBON WIRE		2
1	1	EA	CWS		HIGH FLUX CORE		1

UNLESS OTHERWISE SPECIFIED	
PILING AND TOLERANCE PER FIG 11.5M	
ALL DIMENSIONS ARE IN INCHES AND [MILLIMETERS]	
TOLERANCE INCHES	±.0030
TOLERANCE METERS	±.0750
ANGLE PROJECTION	AS SHOWN
DO NOT SCALE DRAWING	

AUTOCAD SOLIDWORKS	X	
DATE	4/08/05	
DRAWN	RLU	4/08/05
CHECKED	JLU	4/08/05
ENGR	KSUM	4/08/05
APPR.	JLU	4/08/05
TITLE:	21 Amps Output Choke (2.4mm x .3 mm 5-3/4T)	
SIZE	B	REV B
SCALE	4=1	SHEET 1 OF 1

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