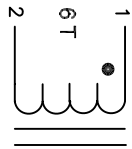
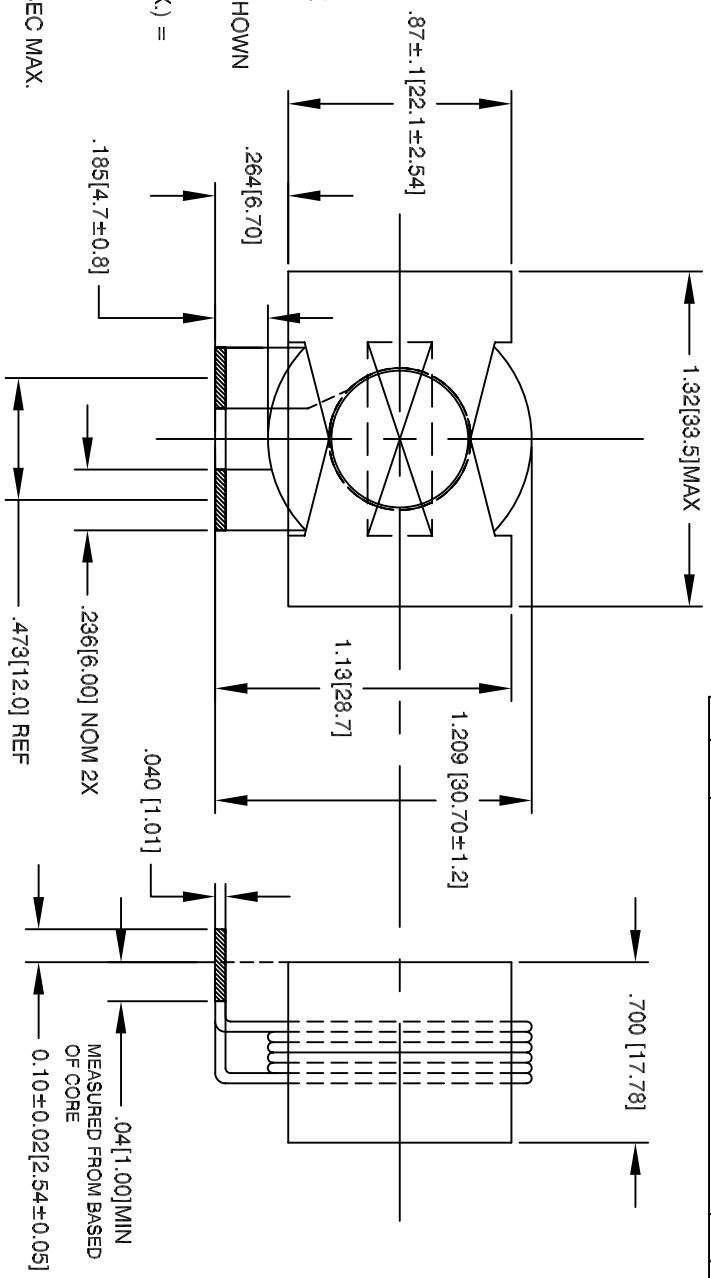


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SCHEMATIC



REVISION HISTORY

REV	ECN	DESCRIPTION	SIGN & DATE			
			BY	DATE	CHK	DATE
D		PRODUCTION RELEASE	BUN	11/30/06	JLJU	11/30/06
E		PRODUCTION RELEASE	BUN	11/30/06	JLJU	11/30/06
F		LEAD LENGTH AND LEAD SPACING	BUN	11/30/06	JLJU	11/30/06
G		LEAD LENGTH AND LEAD SPACING AND DIM ERROR	KJC	7/8/08	RL	7/8/08

6 BUILD TO ROHS COMPLIANCE AND LEAD FREE

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

4 WINDING TO CORE DIELECTRIC STRENGTH (2 SECONDS, 5 mA MAX.) = WINDING INSULATION:

3 TIME OVER 180° C = <1 MINUTE  
 OPERATING TEMP = -55°C TO 200°C  
 SMT REFLOW CONDITIONS: RAMP RATE 1°C/SEC MAX.  
 DCR = 1.5 MILLI-OHM MAX. @ 25°C  
 CURRENT RATING: 45 AMPS  
 L = 6.0UH ± 15%, 100 KHZ, 0.25Vrms; 0 ADC  
 SPECIFICATIONS @ 25 °C

2 WIRE: 200°C MIN RATING, HELICAL WOUND MAGNET WIRE  
 CWS BYTE MARK OR OTHER APPROVED PART  
 CORE: GAPPED PQ3220 FERRITE OR EQUAL

1 RATING OF 200°C REQUIRED  
 MATERIAL: UL RECOGNIZED 94V-0 FOR FLAMMABILITY

NOTES: UNLESS OTHERWISE SPECIFIED.  
 READ FROM BOTTOM UP

QTY	CODE IDENT	MFG. P/N	DESCRIPTION	ITEM NO.
	AUTOCAD SOLIDWORKS SIGN	X		
	DATE			
	BUN	11/30/06		
	JLJU	11/30/06		
	KSUM	11/30/06		
	APPR	11/30/06		
PARTS LIST				
COLIMS COM, INC			CWS Coil Winding Specialist.	
WWW.COLIMS.COM			353 W. GROVE AVENUE	
			ORANGE, CA. 92865	
TITLE:			High Current Output Choke	
			45 Amps Max.	
SIZE			DWG. NO.	
B			CWS-32020	REV G
SCALE			2=1	SHEET 1 OF 1