

Drawing NO.: xxxxxxxxxx  
**Description: 6.6kW CM Choke**  
**MPN: CREE CL1**

Part No	Date	Drafted	Revision	Designer	Approved	Description of Change

Supplier Name	
Date	
Signature	

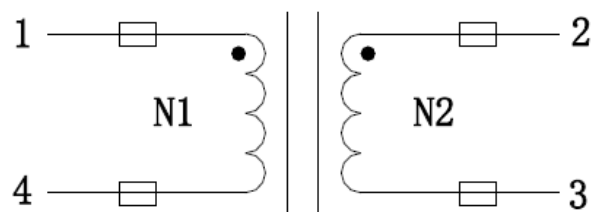
Supplier agrees to manufacture without deviations to this specification.

**Electrical Specification:**

**Note:** All electrical parameters to be tested 100% unless otherwise specified.

Loc.	Parameter	SPEC	Measuring Condition	Measuring Equipment
A	Induction(2-1)	>450uH	@1KHz/ 1V	LCR2816B or Equiv
B	DCR 1-4 DCR 2-3	1.3mohm Max	25degC	HG1941A
C	HI-POT	1000Vac	Winding to winding 50Hz, 1mA, 60s	CH9053

**Note:** All electrical parameters to be tested 100% unless otherwise specified.

**Schematic:**

"●" 表示极性

"□" 表示套管



1、环改为31的环，锰锌磁芯，10k磁导率

2、线改为2\*1.8mm并绕

3、底板尺

寸：, 35mm\*23mm，孔距：长21.68mm，宽：16.4mm，孔的尺寸1.9mm\*3.8mm。

**Winding Sequence Instructions:**

NO.	Terminal start/end	Wire	Turns	Insulation Tape
N1	1-4	AWG 13X2	6Ts	
N2	2-3	AWG 13X2	6Ts	

**Core**

Core	T31*19*13 10k	TS10 or equivalent		
------	---------------	--------------------	--	--

**LIST1**

ITEM	TYPE	MATERIAL	SPEC.		MANUFACTURE	UL NO.	ROHS
			℃	UL94			
WIRE	Φ 1.8mm	UEWF MW79-C	155	/			Y
							Y
TAPE			155	NA	P LEO & CO (B C) LTD	E126174	Y
TUBE	Φ 1.2	TFT	200	VW-1	GREAT HOLDING INDUSTRIAL CO LTD	E156256	Y

**Safety and Compliance Requirements:**

- 1) The transformer must meet RoHS Directive 2002/95/EC.
- 2) EN60950-1 Reinforced insulation as applicable
- 3) The transformer must meet Halogen Free

**Other Applicable Documents:**

- 1) Leads Solderability per ANSI-J-STD-002 Section 4.2
- 2) Flammability IEC695-2-2
- 3) Tape and Reel if applicable EIA-481 per latest revision.

**Other Material Requirements:**

- 1) All Materials Shall be UL94V-1 or UL94V-0 (Burn Rate)
- 2) All Materials must have ASTM D2863 Oxygen Index 28% or better or meet IEC 695-2-2 (Fire Test Response)
- 3) All Wire insulation materials must be UL Recognized.

**Storage Temperature:**

-40°C to 125°C unless otherwise specified.

**MARKING:**

- 1) Date code marking
- 2) Manufacturers Name or Logo.