

**PHYSICAL DIMENSIONS:**

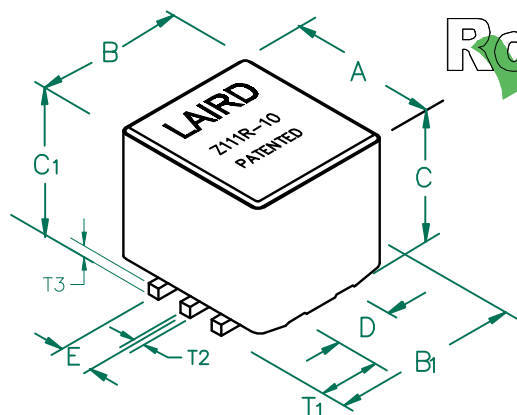
A	11.05	[.435]	+ 0.13	[.005]
B	10.03	[.395]	+ 0.15	[.006]
B <sub>1</sub>	11.05	[.435]	MAX	
C	9.32	[.367]	+ 0.15	[.006]
C <sub>1</sub>	10.49	[.413]	MAX.	
D	4.06	[.160]	+ 0.13	[.005]
E	2.54	[.100]	+ 0.13	[.005]

**WIRE:**

T <sub>1</sub>	3.56	[.140]	+ 0.25	[.010]
T <sub>2</sub>	0.76	[.030]	TYP.	
T <sub>3</sub>	0.76	[.030]	TYP.	

# CM4440Z111R-10

**UNCONTROLLED DOCUMENT**



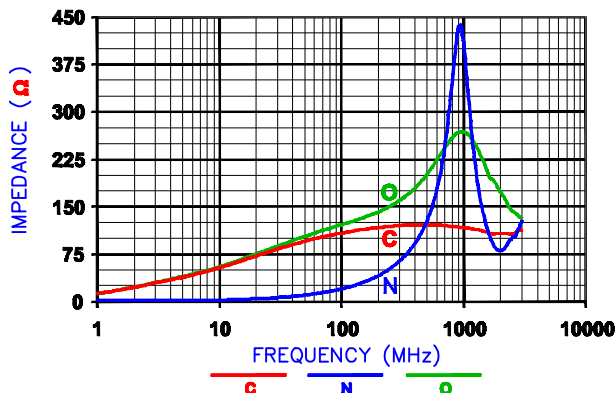
**ELECTRICAL CHARACTERISTICS:**

Z @ 100MHz (Ω)	DCR (Ω)	Rated Current
Nominal	110	
Minimum	83	
Maximum	-	.001
		20,000mA

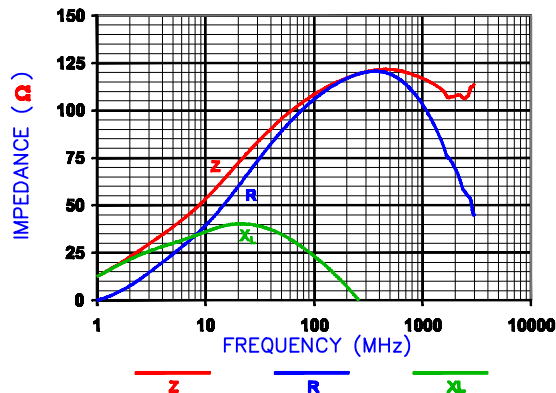
NOTES: UNLESS OTHERWISE SPECIFIED

1. TAPED AND REELED per CURRENT EIA SPECIFICATIONS 13" REELS, 375 PCS/REEL, EMBOSSED PLASTIC TAPE.
2. COMPONENTS SHOULD BE ADEQUATELY PREHEATED BEFORE SOLDERING.
3. TERMINATION FINISH IS 100% TIN.
4. THIS PART HAS NO PIN POLARITY.

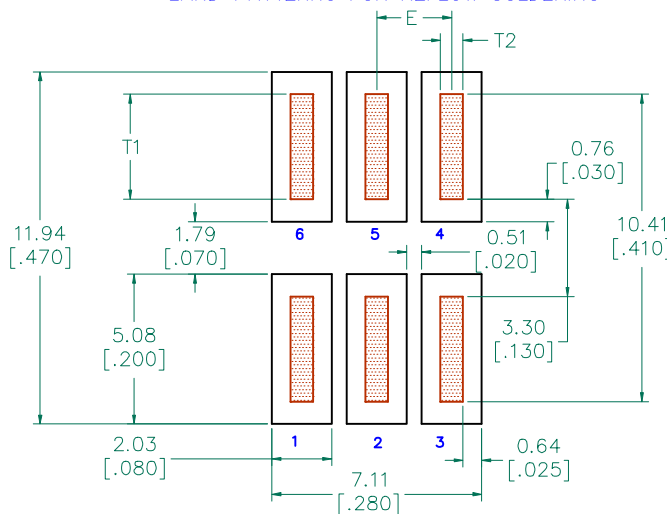
Z vs. FREQUENCY (C,N,O)



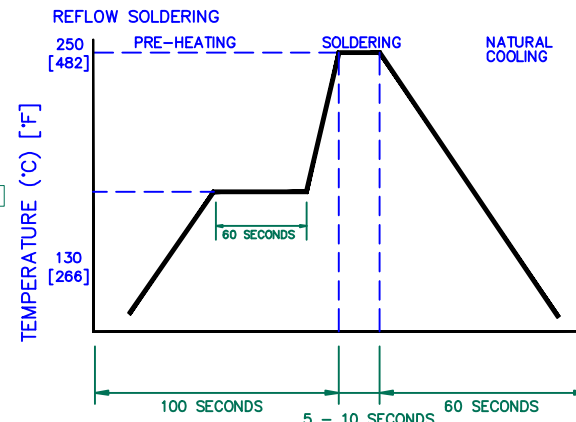
Z, R, XL vs. FREQUENCY



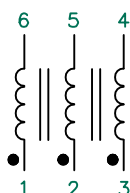
**LAND PATTERNS FOR REFLOW SOLDERING**



**RECOMMENDED SOLDERING CONDITIONS**



**EQUIVALENT CIRCUIT**

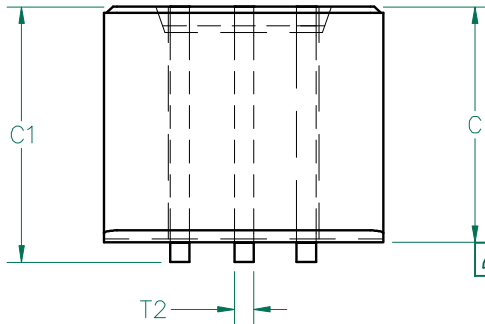
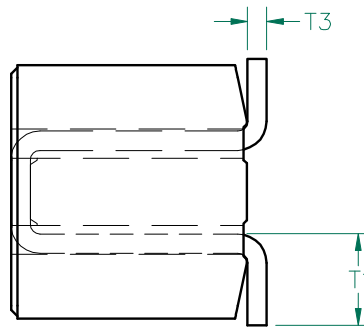
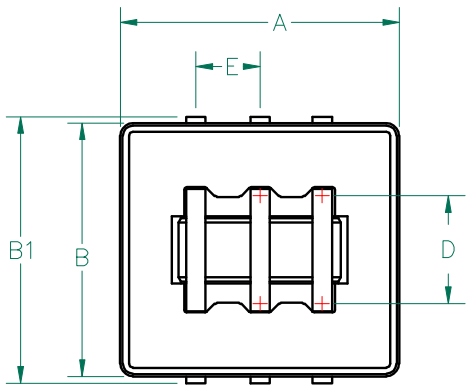


DIMENSIONS ARE IN mm [INCHES].

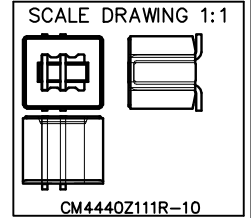
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PROJECT/PART NUMBER:		REV		PART TYPE:		DRAWN BY:	
CM4440Z111R-10		B		ASSEMBLY		TMB	
B	UPDATE COMPANY LOGO & KAPTON LABEL	11/12/08	JRK	DATE:	12/07/07	SCALE:	NTS
A	ORIGINAL DRAFT	12/07/07	TMB	CAD #	CM4440Z111R-10-B-2	SHEET:	2 of 3
REV	DESCRIPTION	DATE	INT				



0.10 (.004)  
SEATING PLANE  
(CO-PLANARITY)



**ELECTRICAL TESTING**

TEST:	GROSS	GROSS
	Z	Z
# TURNS	1	1
AWG	22	22
FREQUENCY	25 MHz	100 MHz
NOMINAL	- Ω	110 Ω
MINIMUM	- Ω	83 Ω

WEIGHT/1000 4.42 kgs. 9.75 lbs.



**UNCONTROLLED DOCUMENT**

NOTES: UNLESS OTHERWISE SPECIFIED

1. WIRE: REFERENCE STEWARD WIRE PURCHASE SPEC. W0040-61.
2. IMPEDANCE VALUES ARE GROSS, MEASURED USING W0040-61 WIRE PLACED AGAINST END OF SLOT w/ NO D.C. BIAS.
3. REFERENCE STEWARD CORE 24H0435-200.
4. NO MORE THAN 0.18 [.007] DIFFERENCE FROM THE LONGEST TO THE SHORTEST CONDUCTOR ON ONE SIDE.
5. TERMINATION FINISH IS 100% TIN.
6. THIS PART HAS NO PIN POLARITY.

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B	10.03 [.395]	+ 0.15 [.006]
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PROJECT/PART NUMBER:				REV	PART TYPE:	DRAWN BY:	
CM4440Z111R-10				B	ASSEMBLY	TMB	
B	UPDATE COMPANY LOGO & KAPTON LABEL	11/12/08	JRK	DATE:	12/07/07	SCALE:	3.5:1
A	ORIGINAL DRAFT	12/07/07	TMB	CAD #	CM4440Z111R-10-B-3	TOOL #	-
REV	DESCRIPTION	DATE	INT	SHEET: 3 of 3			



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