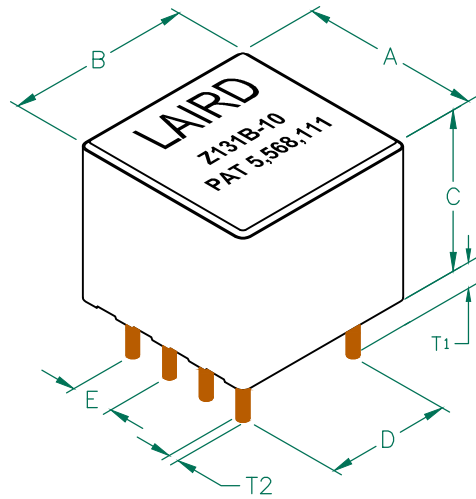


CM4545Z131B-10

RoHS

PHYSICAL DIMENSIONS:

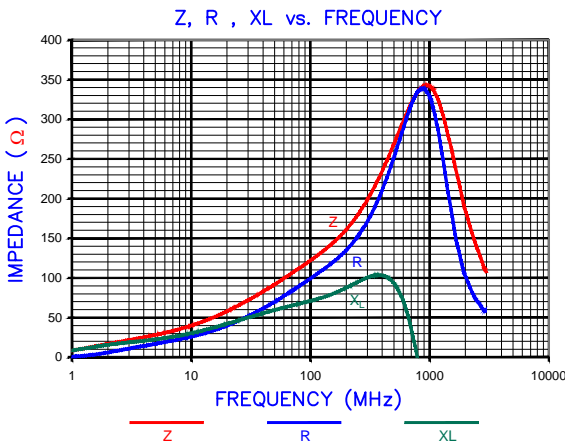
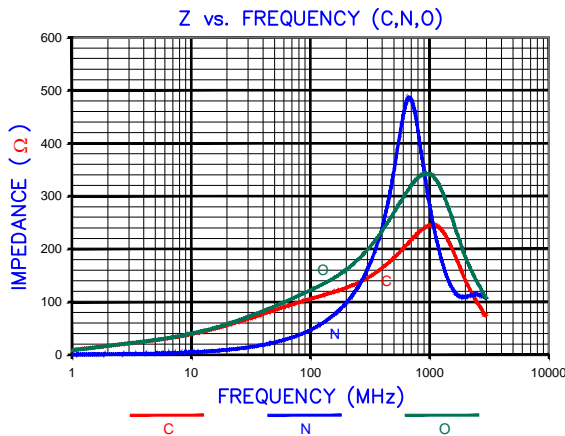
A	11.38	[.448]	±	0.18	[.007]
B	11.38	[.448]	±	0.18	[.007]
C	9.32	[.367]	±	0.18	[.007]
D	7.62	[.300]	±	0.10	[.004]
E	2.54	[.100]	±	0.13	[.005]
T ₁	3.43	[.135]	±	0.25	[.010]
T ₂	0.64	[.025]	±		TYP.



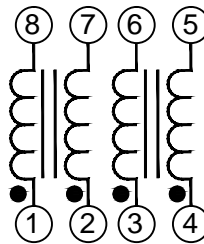
ELECTRICAL CHARACTERISTICS:			
Z @ 100MHz (Ω)	DCR (Ω)	Rated Current	
Nominal	130		
Minimum	98		
Maximum	163	0.01	10,000 mA

NOTES: UNLESS OTHERWISE SPECIFIED

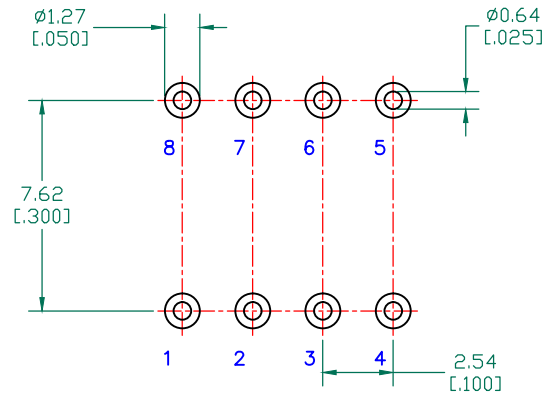
1. BULK PACKED, 910 per CASE.
2. COMPONENTS SHOULD BE ADEQUATELY PREHEATED BEFORE SOLDERING.
3. TERMINATION FINISH IS 100% TIN.
4. THIS PART HAS NO PIN POLARITY.
5. OPERATION TEMPERATURE (INCLUDING SELF-HEATING): -40 ~ +125°C.



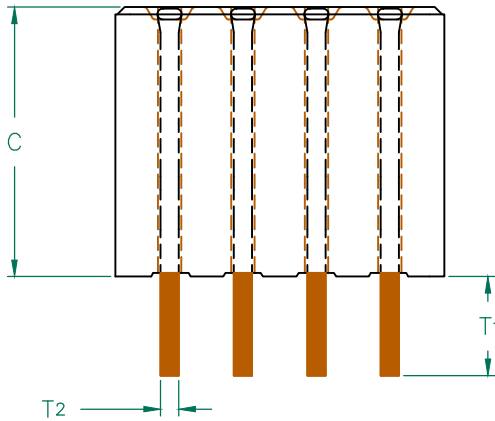
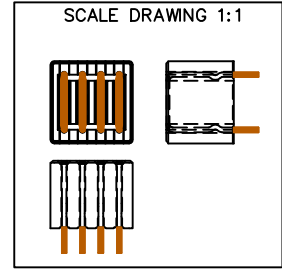
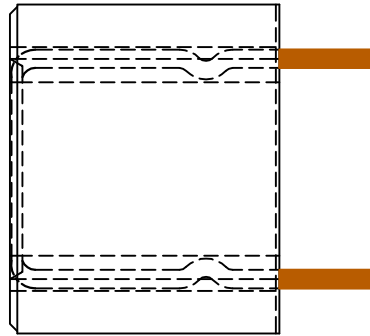
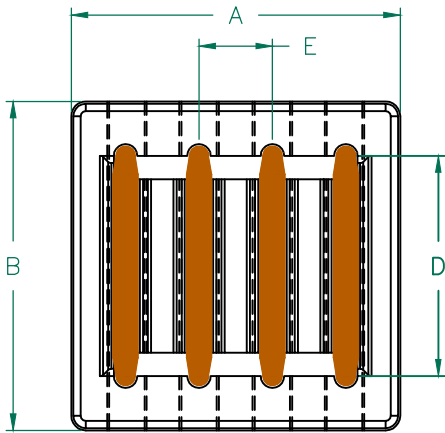
EQUIVALENT CIRCUIT



HOLE PATTERN FOR WAVE SOLDERING



DIMENSIONS ARE IN mm [INCHES].				This print is the property of Laird Tech. and is loaned in confidence subject to return upon request and with the understanding that no copies shall be made without the written consent of Laird Tech. All rights to design or invention are reserved.			
D	ADD NOTE 5	08/30/12	QIU	PROJECT/PART NUMBER:		REV	DRAWN BY:
C	UPDATE COMPANY LOGO AND KAPTON LABEL ADD EQUIV. CIRCUIT	11/05/08	JRK	CM4545Z131B-10		D	JRK
B	UPDATE COMPANY LOGO	12/07/07	JRK	DATE:	06/01/04	SCALE:	NTS
A	ORIGINAL DRAFT	06/01/04	JRK	CAD #		TOOL #	H0448-600
REV	DESCRIPTION	DATE		CM4545Z131B-10-D-1			1 of 2



LAIRD
Z131B-10
PAT 5,568,111

LABEL

ELECTRICAL TESTING

TEST:	Z	Z
# TURNS	1	1
AWG	22	22
FREQUENCY	25 MHz	100 MHz
NOMINAL	70 Ω	130 Ω
MINIMUM	53 Ω	98 Ω
MAXIMUM	- Ω	163 Ω
WEIGHT/1000	5.12 kgs.	11.29 lbs.

NOTES: UNLESS OTHERWISE SPECIFIED

1. WIRE: REFERENCE STEWARD WIRE PURCHASE SPEC. W0448-61.
2. IMPEDANCE VALUES ARE GROSS, MEASURED USING W0448 WIRE PLACED AGAINST END OF SLOT w/ NO D.C. BIAS.
3. REFERENCE STEWARD CORE P/N 29H0448-600.
4. PROTECTED BY U.S. PATENT NO. 5,568,111.
5. THIS PART HAS NO PIN POLARITY.
6. TERMINATION FINISH IS 100% TIN.

DIMENSIONS:

A	11.38 [.448]	+	0.18 [.007]
B	11.38 [.448]	+	0.18 [.007]
C	9.32 [.367]	+	0.18 [.007]
D	7.62 [.300]	+	0.10 [.004]
E	2.54 [.100]	+	0.13 [.005]

WIRE DIMENSIONS:

T1	3.43 [.135]	+	0.25 [.010]
T2	0.64 [.025]	+	TYP.

DIMENSIONS ARE IN mm [INCHES].				This print is the property of Laird Tech. and is loaned in confidence subject to return upon request and with the understanding that no copies shall be made without the written consent of Laird Tech. All rights to design or invention are reserved.		Laird™	
D	ADD NOTE 5	08/30/12	QIU	PROJECT/PART NUMBER:		REV	DRAWN BY:
C	UPDATE COMPANY LOGO AND KAPTON LABEL ADD EQUIV. CIRCUIT	11/05/08	JRK	CM4545Z131B-10		D	JRK
B	UPDATE COMPANY LOGO	12/07/07	JRK	DATE:	06/01/04	SCALE:	NTS
A	ORIGINAL DRAFT	06/01/04	JRK	CAD #		TOOL #	H0448-600
REV	DESCRIPTION	DATE		CM4545Z131B-10-D-2		SHEET: 2 of 2	