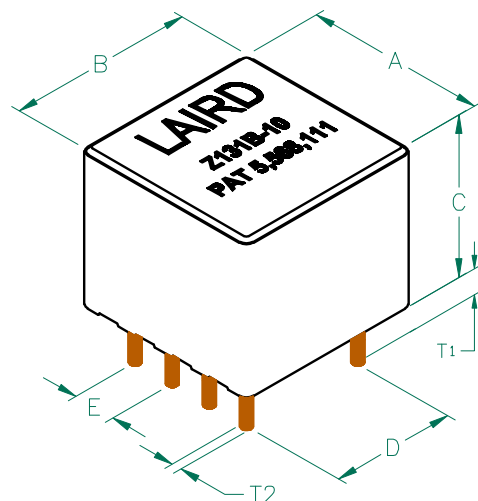


PHYSICAL DIMENSIONS:

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

CM4545Z131B-10

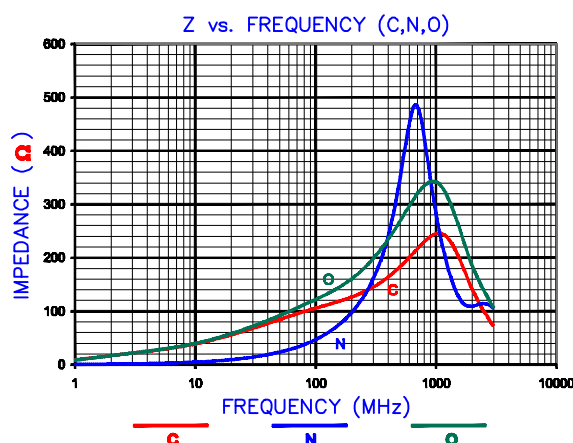


ELECTRICAL CHARACTERISTICS:

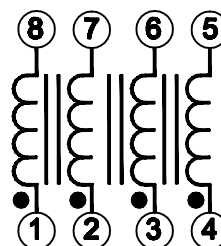
	Z @ 100MHz (Ω)	DCR (Ω)	Rated Current
Nominal	130		
Minimum	98		
Maximum	163	0.01	10,000 mA

NOTES: UNLESS OTHERWISE SPECIFIED

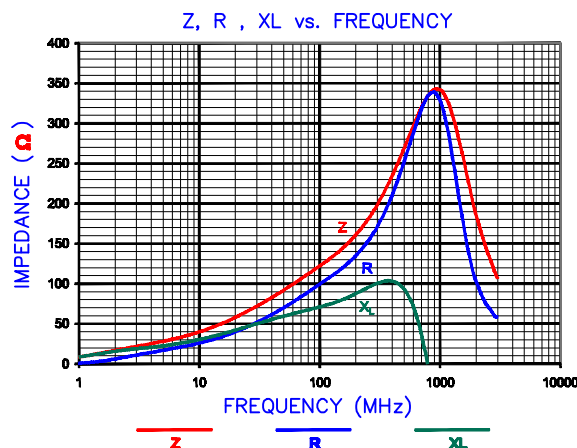
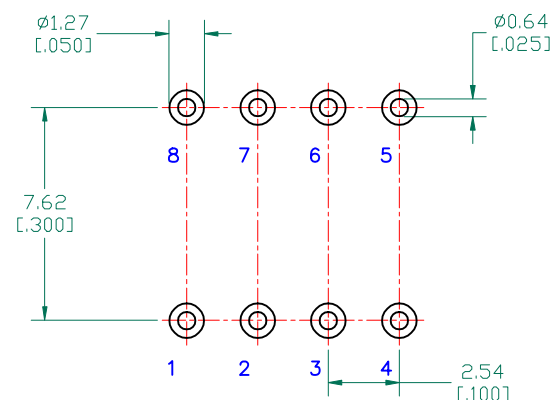
1. BULK PACKED, 910 per CASE.
2. COMPONENTS SHOULD BE ADEQUATELY PREHEATED BEFORE SOLDERING.
3. TERMINATION FINISH IS 100% TIN.
4. THIS PART HAS NO PIN POLARITY.



EQUIVALENT CIRCUIT



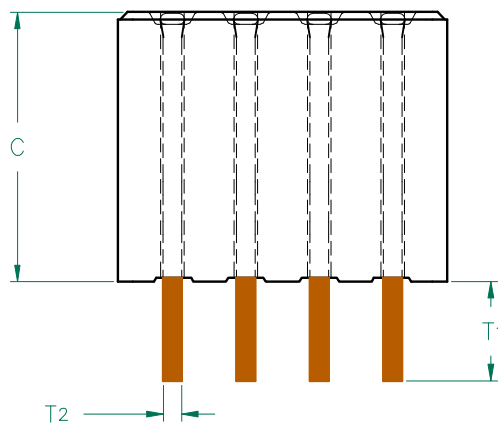
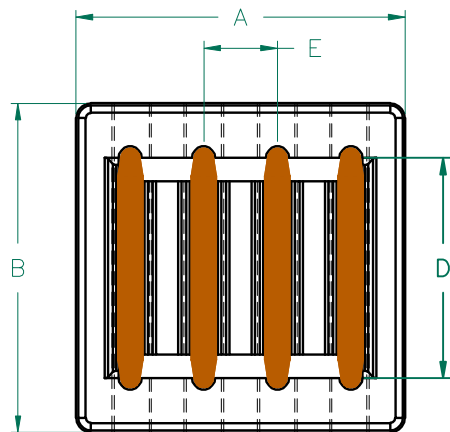
HOLE PATTERN FOR WAVE SOLDERING



UNCONTROLLED
DOCUMENT



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.			
C	UPDATE COMPANY LOGO AND KAPTON LABEL ADD EQUIV. CIRCUIT	11/05/08	JRK	PROJECT/PART NUMBER: CM4545Z131B-10		REV C	DRAWN BY: JRK
B	UPDATE COMPANY LOGO	12/07/07	JRK	DATE: 06/01/04		SCALE: NTS	SHEET: 2 of 3
A	ORIGINAL DRAFT	06/01/04	JRK	CAD # CM4545Z131B-10-A-C		TOOL # H0448-600	
REV	DESCRIPTION	DATE					

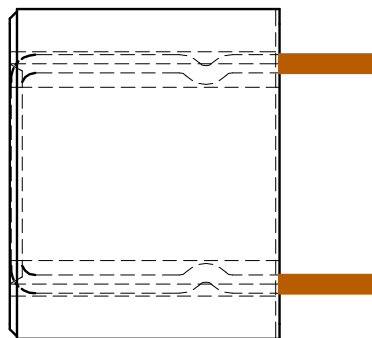


DIMENSIONS:

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.	



LAIRD

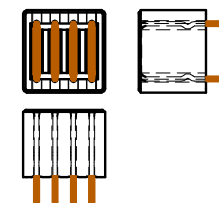
Z131B-10

PAT 5,568,111

LABEL



SCALE DRAWING 1:1



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.

UNCONTROLLED DOCUMENT

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 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.			
C	UPDATE COMPANY LOGO AND KAPTON LABEL ADD EQUIV. CIRCUIT	11/05/08	JRK	PROJECT/PART NUMBER:		REV:	DRAWN BY:
				CM4545Z131B-10		C	JRK
B	UPDATE COMPANY LOGO	12/07/07	JRK	DATE:	06/02/04	SCALE:	4 : 1
A	ORIGINAL DRAFT	06/02/04	JRK	CAD #	CM4545Z131B-10-C-3	TOOL #	H0448-600
REV	DESCRIPTION	DATE	INT	SHEET: 3 of 3			