

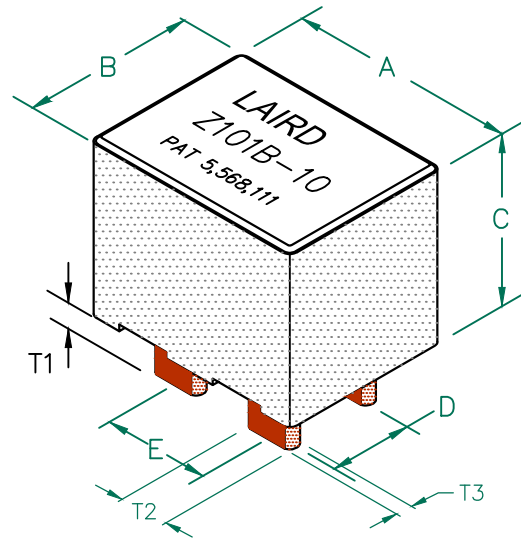
PHYSICAL DIMENSIONS:

A	13.72 [.540]	+ 0.20 [.008]
B	10.41 [.410]	+ 0.15 [.006]
C	10.52 [.414]	+ 0.25 [.010]
D	5.28 [.208]	+ 0.13 [.005]
E	6.35 [.250]	+ 0.30 [.012]

WIRE DIMENSIONS:

T1	3.05 [.120]	+ 0.33 [.013]
T2	3.07 [.121]	+ 0.05 [.002]
T3	0.97 [.038]	+ 0.05 [.002]

CM5441Z101B-10

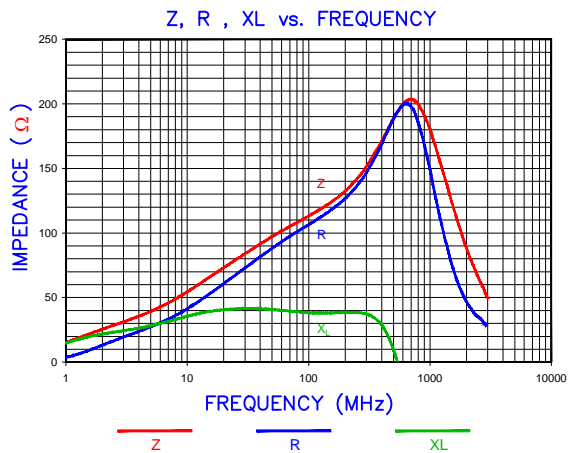
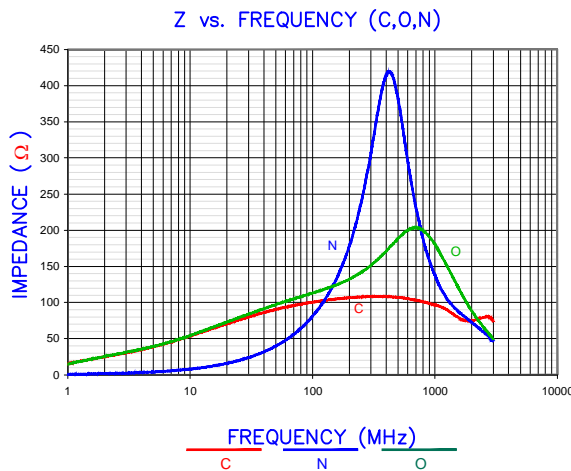


ELECTRICAL CHARACTERISTICS:

Z @ 100MHz (Ω)	DCR (Ω)	Rated Current
Nominal	100	
Minimum	75	
Maximum	-	.0003 *75,000 mA

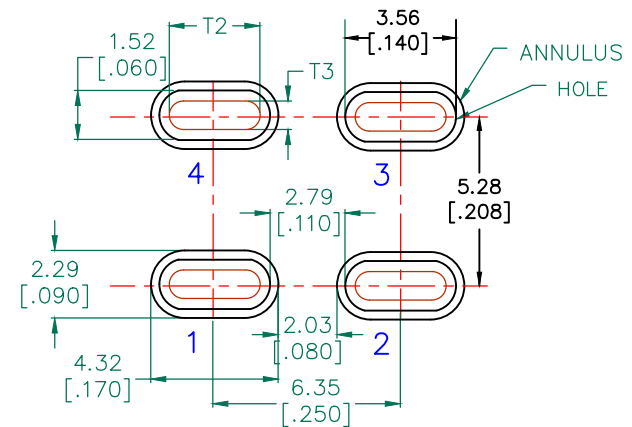
NOTES: UNLESS OTHERWISE SPECIFIED

1. BULK PACKED, 825 per CASE.
- 2.* MAXIMUM CURRENT IS:
75,000 mA @ 30° C RISE.
30,000 mA @ 25° C RISE.
3. COMPONENTS SHOULD BE ADEQUATELY PRE-HEATED BEFORE SOLDERING.
4. TERMINATION FINISH IS 100% TIN.
5. THIS PART HAS NO PIN POLARITY.
6. OPERATING TEMPERATURE RANGE: G).
-40°C ~ +125°C(INCLUDING SELF-HEATING).

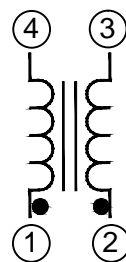


RoHS

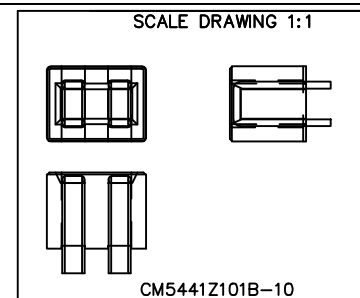
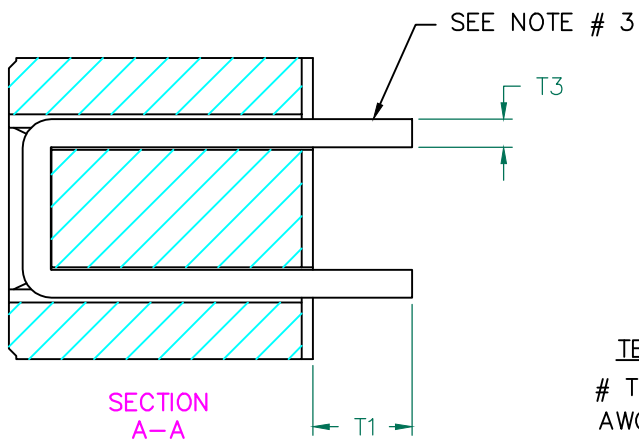
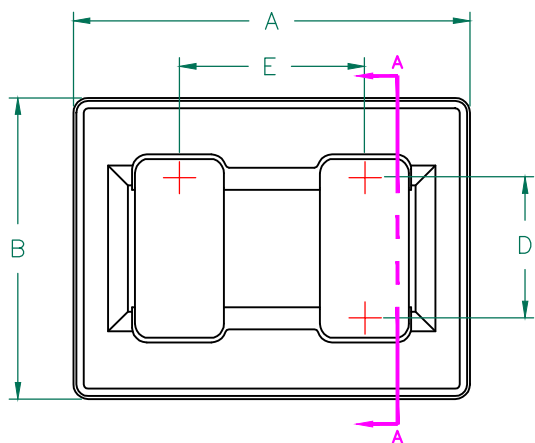
HOLE PATTERN FOR WAVE SOLDERING



EQUIVALENT CIRCUIT



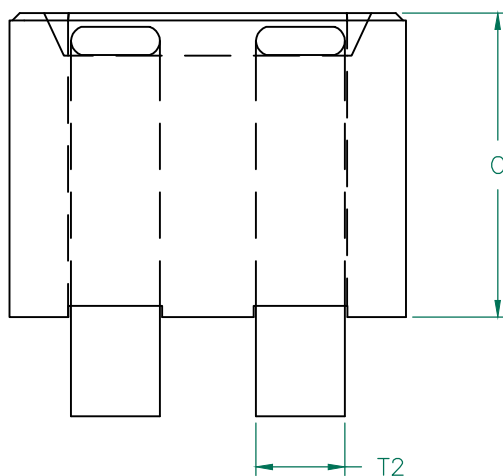
DIMENSIONS ARE IN mm (INCHES).				This print is the property of Laird Tech. and is loaned in confidence subject to return upon request and with the understanding that no copies shall be made without the written consent of Laird Tech. All rights to design or invention are reserved.	
E	ADD NOTE 6	02/28/18	QIU		
D	UPDATE TOLERANCE	02/18/13	QIU		
C	UPDATE COMPANY LOGO & KAPTON LABEL ADD EQUIVALENT CIRCUIT	11/18/08	JRK		
B	UPDATE COMPANY LOGO	12/18/07	JRK		
A	ORIGINAL DRAFT	06/09/04	JRK		
REV	DESCRIPTION	DATE	INT	PROJECT/PART NUMBER: CM5441Z101B-10	DATE: 06/09/04 SCALE: NTS SHEET: 1 of 2



ELECTRICAL TESTING

TEST:	GROSS	GROSS
# TURNS	1	1
AWG	22	22
FREQUENCY	25 MHz	100 MHz
NOMINAL	56 Ω	100 Ω
MINIMUM	42 Ω	75 Ω

WEIGHT/1000 5.94 kgs. 13.1 lbs.



LAIRD
Z101B-10
PAT 5,568,111

LABEL



DIMENSIONS:

A	<u>13.72 [.540]</u>	<u>+ 0.20 [.008]</u>
B	<u>10.41 [.410]</u>	<u>+ 0.15 [.006]</u>
C	<u>10.52 [.414]</u>	<u>+ 0.25 [.010]</u>
D	<u>5.28 [.208]</u>	<u>+ 0.13 [.005]</u>
E	<u>6.35 [.250]</u>	<u>+ 0.30 [.012]</u>

WIRE DIMENSIONS:

T ₁	<u>3.05 [.120]</u>	<u>+ 0.33 [.013]</u>
T ₂	<u>3.07 [.121]</u>	<u>+ 0.05 [.002]</u>
T ₃	<u>0.97 [.038]</u>	<u>+ 0.05 [.002]</u>

NOTES: UNLESS OTHERWISE SPECIFIED

1. MAXIMUM CURRENT IS:
75,000 mA @ 40° C RISE.
30,000 mA @ 25° C RISE.
2. REFERENCE STEWARD CORE P/N 24H0540-000.
3. REFERENCE STEWARD WIRE PURCHASE SPEC.W0540-01
4. PROTECTED BY U.S. PATENT NO. 5,568,111.
5. TERMINATION FINISH IS 100% TIN.
6. THIS PART HAS NO PIN POLARITY.

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		
E	ADD NOTE 6	02/28/18	QIU	PROJECT/PART NUMBER: CM5441Z101B-10			REV	PART TYPE:	DRAWN BY:
D	UPDATE TOLERANCE	02/18/13	QIU				E	ASSEMBLY	JRK
C	UPDATE COMPANY LOGO & KAPTON LABEL ADD EQUIVALENT CIRCUIT	11/18/08	JRK	DATE: 06/09/04			SCALE:	NTS	SHEET:
B	UPDATE COMPANY LOGO	12/18/07	JRK				CAD # CM5441Z101B-10-E-2		
A	ORIGINAL DRAFT	06/09/04	JRK						
REV	DESCRIPTION	DATE	INT						