

CM5441Z161B-10

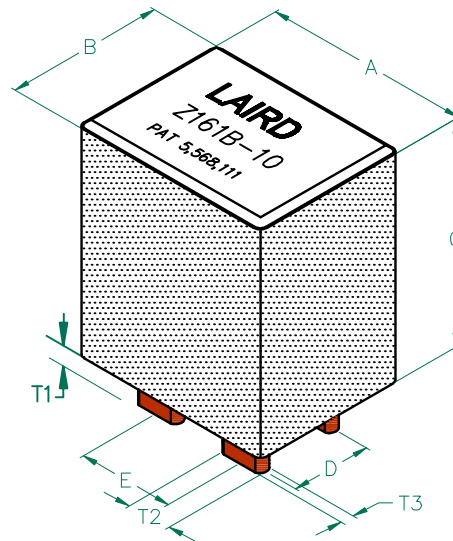
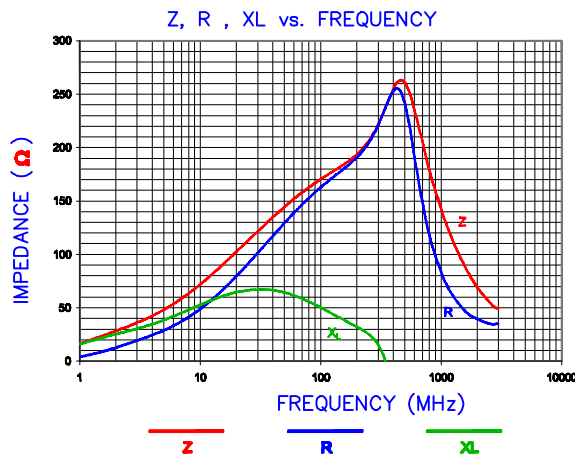
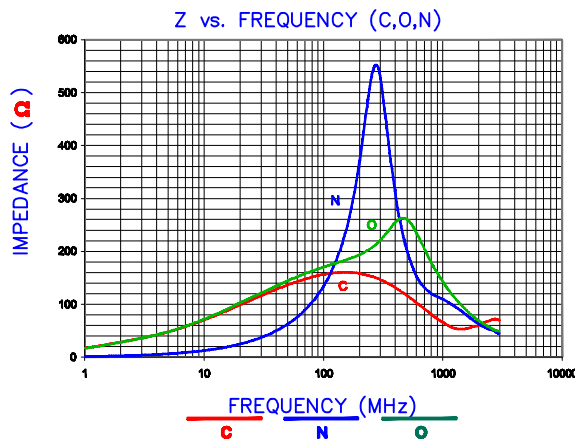
**UNCONTROLLED
DOCUMENT**

PHYSICAL DIMENSIONS:

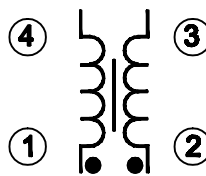
A	13.72 [.540]	+ 0.20 [.008]
B	10.41 [.410]	+ 0.15 [.006]
C	15.24 [.600]	+ 0.25 [.010]
D	5.28 [.208]	+ 0.13 [.005]
E	6.35 [.250]	+ 0.10 [.004]

WIRE DIMENSIONS:

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



EQUIVALENT CIRCUIT

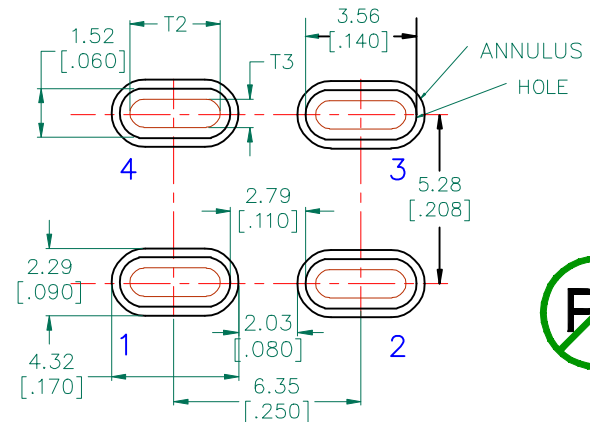


ELECTRICAL CHARACTERISTICS:			
Z @ 100MHz (Ω)		DCR (Ω)	Rated Current
Nominal	160		
Minimum	120		
Maximum	—	.0003	*75,000 mA

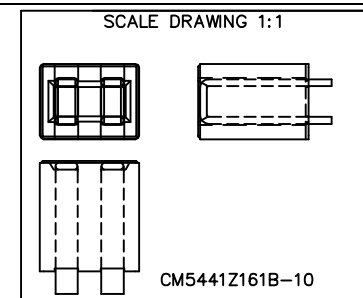
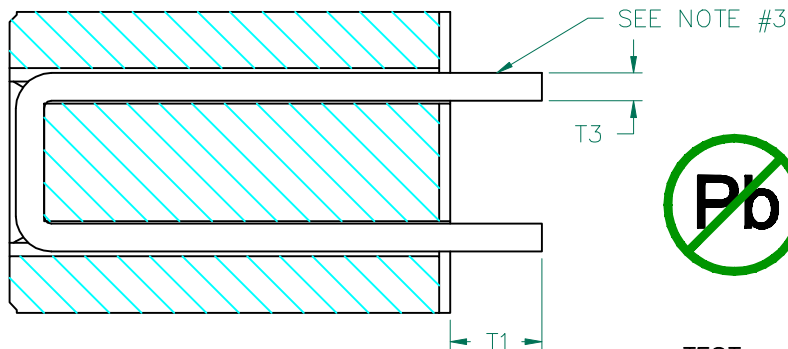
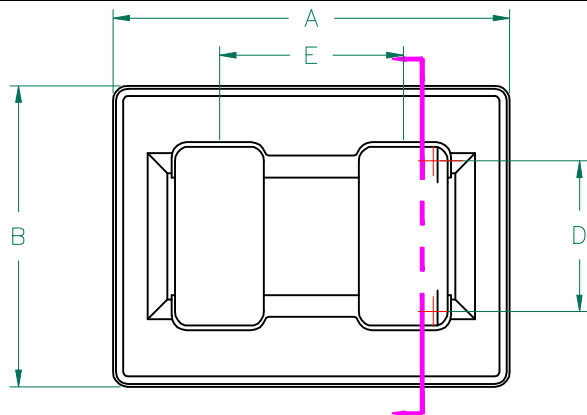
NOTES: UNLESS OTHERWISE SPECIFIED

1. BULK PACKED, 858 PCS/BOX.
2. * MAXIMUM CURRENT IS:
30,000 mA @ 25° C RISE. 75,000 mA @ 30° C RISE.
3. COMPONENTS SHOULD BE ADEQUATELY PRE-HEATED BEFORE SOLDERING.
4. TERMINATION FINISH IS 100% TIN.

HOLE PATTERN FOR WAVE SOLDERING



DIMENSIONS ARE mm IN [INCHES]			
F	CHANGE QUANTITY FROM 825	12/15/11	QIU
E	UPDATE KAPTON LABEL	11/18/08	JRK
D	CORRECT TOLS ON E DIMENSION	5/19/08	JRK
C	ADD EQUIVALENT CIRCUIT W/PIN NUMBERS UPDATE COMPANY LOGO	05/01/08	JRK
B	UPDATE LOGO ADD ROHS SYMBOL	1/07/08	JRK
A	ORIGINAL DRAFT	05/24/04	JRK
REV	DESCRIPTION	DATE	INT
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PROJECT/PART NUMBER: CM5441Z161B-10			
DATE: 05/24/04		SCALE: NTS	MATERIAL: H0540-1
REV F		DRAWN BY: JRK	
2 OF 3			



ELECTRICAL TESTING

TEST:	GROSS Z	GROSS Z
FREQUENCY	25 MHz	100 MHz
NOMINAL	90 Ω	160 Ω
MINIMUM	- Ω	120 Ω
WEIGHT/1000	8.89 kgs.	19.6 lbs.

LAIRD

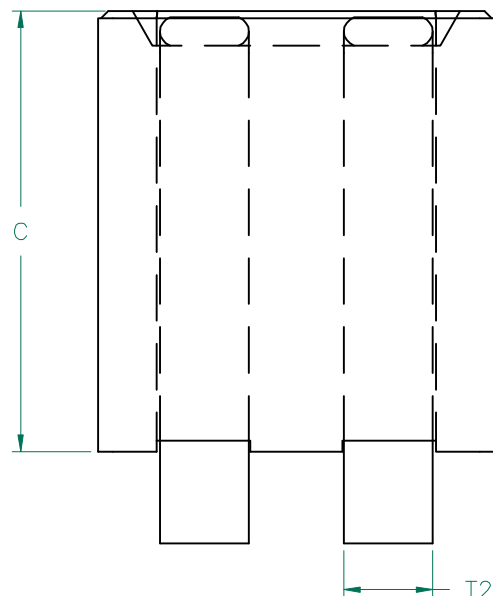
Z161B-10

PAT 5,568,111

LABEL



**UNCONTROLLED
DOCUMENT**



DIMENSIONS:

A	13.72 [.540]	+	0.20 [.008]
B	10.41 [.410]	+	0.15 [.006]
C	15.24 [.600]	+	0.25 [.010]
D	5.28 [.208]	+	0.13 [.005]
E	6.35 [.250]	+	0.10 [.004]

WIRE DIMENSIONS:

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

NOTES: UNLESS OTHERWISE SPECIFIED

1. MAXIMUM CURRENT IS:
75,000 mA @ 30° C RISE.
30,000 mA @ 25° C RISE.
2. REFERENCE STEWARD CORE P/N 24H0540-100.
3. REFERENCE STEWARD WIRE PURCHASE SPEC.W0540-11.
4. PROTECTED BY U.S. PATENT NO. 5,568,111.
5. 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.			
F	CHANGE QUANTITY FROM 825	12/15/11	QIU	Laird TECHNOLOGIES			
E	UPDATE KAPTON LABEL	11/18/08	JRK				
D	CORRECT TOLS ON E DIMENSION	5/19/08	JRK				
C	ADD EQUIVALENT CIRCUIT W/PIN NUMBERS UPDATE COMPANY LOGO	05/01/08	JRK				
B	UPDATE LOGO ADD ROHS SYMBOL	1/07/08	JRK				
A	ORIGINAL DRAFT	05/24/04	JRK	PROJECT/PART NUMBER: CM5441Z161B-10 DATE: 5/24/04 CAD # CM5441Z161-10-F-3 SCALE: 4 : 1 TOOL # H0540-1 REV F DRAWN BY: JRK MATERIAL: 3 of 3			
REV	DESCRIPTION	DATE	INT				