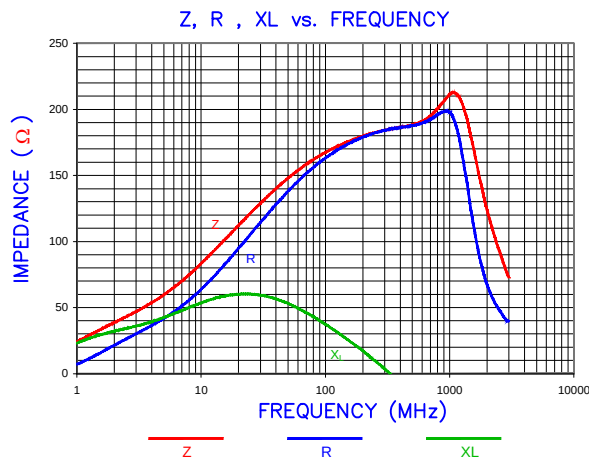
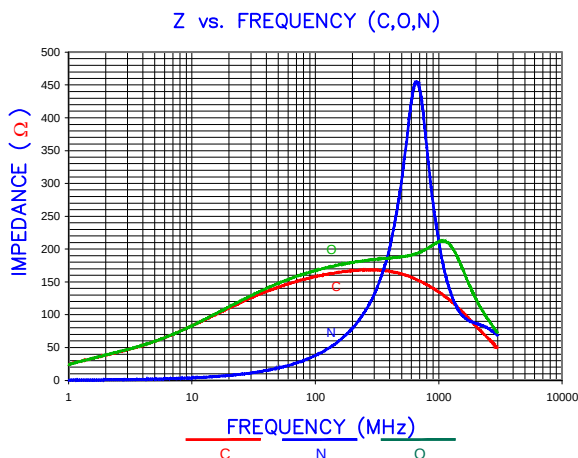


A	14.48	[.570]	$\pm$	0.23	[.009]
B	10.03	[.395]	$\pm$	0.15	[.006]
B ₁	11.05	[.435]		MAX	
C	9.32	[.367]	$\pm$	0.15	[.006]
C ₁	10.49	[.413]		MAX.	
D	4.06	[.160]	$\pm$	0.13	[.005]
E	2.54	[.100]	$\pm$	0.13	[.005]
E ₁	3.43	[.135]	$\pm$	0.13	[.005]

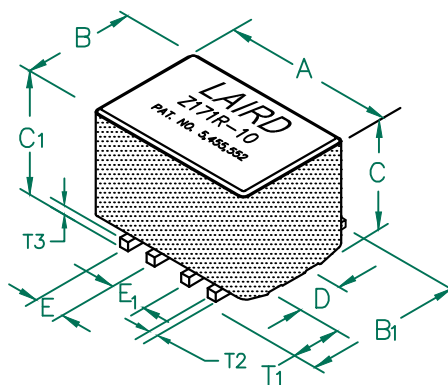
T_1	3.56	[.140]	± 0.25	[.010]
T_2	0.76	[.030]		TYP.
T_3	0.76	[.030]		TYP.



CM5740Z171R-10

**UNCONTROLLED
DOCUMENT**

RoHS



Z @ 100MHz (Ω)		DCR (Ω)	Rated Current
Nominal	170		
Minimum	128		
Maximum	—	0.001	20,000 mA

1. TAPED AND REELED per CURRENT EIA SPECIFICATIONS
13" REELS, 375 PCS/REEL.
2. COMPONENTS SHOULD BE ADEQUATELY PREHEATED
BEFORE SOLDERING.
3. REF. CARRIER TAPE SPECIFICATION CART5740-6P.
4. TERMINATION FINISH IS 100% TIN.
5. THIS PART HAS NO PIN POLARITY.
6. OPERATION TEMPERATURE (INCLUDING SELF-HEATING):
-40 ~ +125°C.

Figure 1: Schematic diagram of the OPERA detector layout. The diagram shows eight detector modules arranged in two rows of four. Each module is a rectangle with a central red hatched area. Dimensions are given in cm with tolerances in brackets. Key dimensions include: module width 0.64 [0.025], module height 11.94 [0.470], row height 5.08 [0.200], and various gaps between modules labeled T1, T2, E1, and E. Module numbers 1 through 8 are indicated in blue.

REFLOW SOLDERING

PRE-HEATING

SOLDERING

NATURAL COOLING

TEMPERATURE (°C) [°F]

250 [482]

130 [266]

60 SECONDS

5 - 10 SECONDS

100 SECONDS

60 SECONDS

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 6	08/30/12	QU	PROJECT/PART NUMBER:		REV	PART TYPE:	DRAWN BY:
C	UPDATE COMPANY LOGO & KAPTON LABEL ADD EQUIVALENT CIRCUIT	11/12/08	JRK	CM5740Z171R-10		D	ASSEMBLY	JRK
B	UPDATE COMPANY LOGO	01/08/08	JRK	DATE: 06/11/04		SCALE:	NTS	SHEET:
A	ORIGINAL DRAFT	06/11/04	JRK	CAD # CM5740Z171R-10-D-1		TOOL # H0570		1 of 2
REV	DESCRIPTION	DATE	INT					