

PHYSICAL DIMENSIONS:

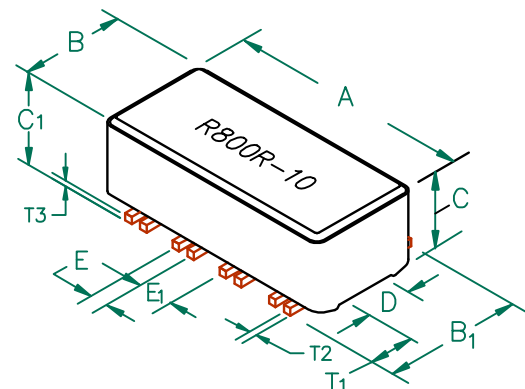
A	12.57	[.495]	+ 0.20	[.008]
B	5.72	[.225]	+ 0.10	[.004]
B ₁	6.73	[.265]	MAX	
C	4.32	[.170]	+ 0.08	[.003]
C ₁	5.00	[.197]	MAX.	
D	2.41	[.095]	+ 0.08	[.003]
E	0.89	[.035]	+ 0.13	[.005]
E ₁	1.91	[.075]	+ 0.13	[.005]

WIRE:

T ₁	1.91	[.075]	+ 0.25	[.010]
T ₂	0.38	[.015]	TYP.	
T ₃	0.38	[.015]	TYP.	

CM5022R800R-10

**UNCONTROLLED
DOCUMENT**

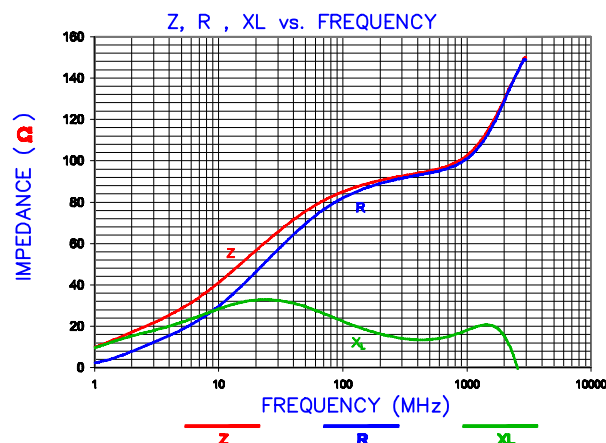
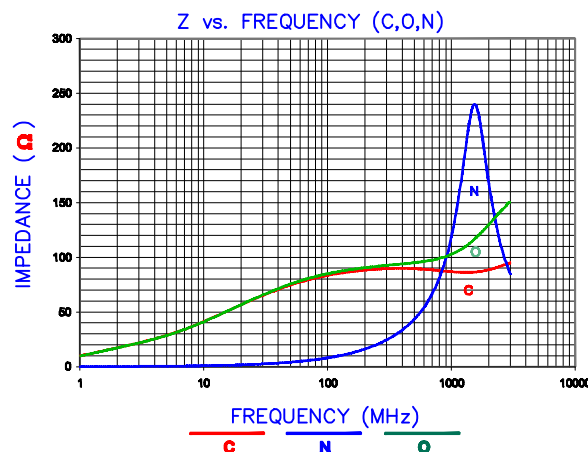


ELECTRICAL CHARACTERISTICS:

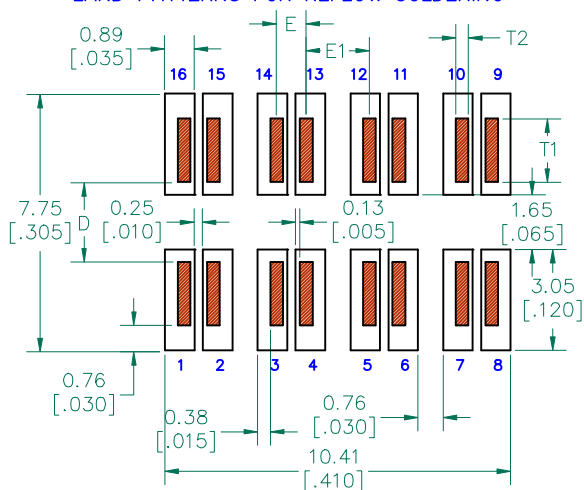
Z @ 100MHz (Ω)	DCR (Ω)	Rated Current	Rated Voltage (VDC)
Nominal	80		
Minimum	64		
Maximum	—	0.02	5,000 mA
			30

NOTES: UNLESS OTHERWISE SPECIFIED

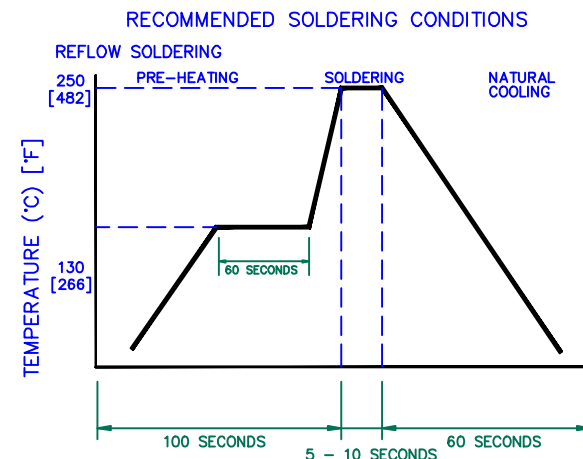
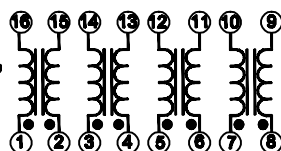
1. TAPED AND REELED per CURRENT EIA SPECIFICATIONS 13" REELS, 1000 PCS PER REEL.
2. COMPONENTS SHOULD BE ADEQUATELY PREHEATED BEFORE SOLDERING.
3. REF. CARRIER TAPE SPECIFICATION # CART5022-0P.
4. TERMINATION FINISH IS 100% TIN.
5. THIS PART HAS NO PIN POLARITY.
6. OPERATION TEMPERATURE (INCLUDING SELF-HEATING): -40 ~ +125°C.



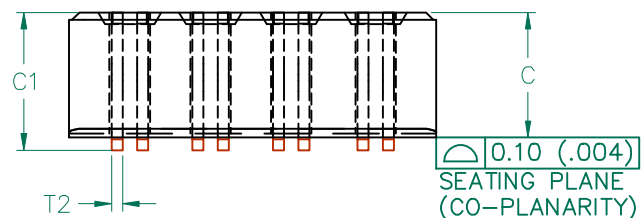
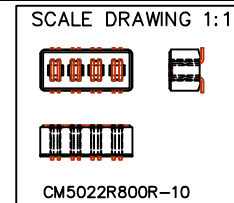
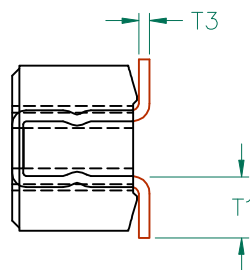
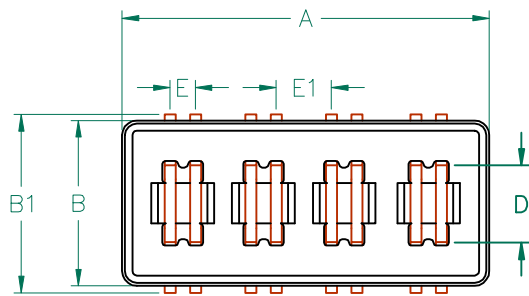
LAND PATTERNS FOR REFLOW SOLDERING



EQUIVALENT CIRCUIT NO 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.			
D	ADD RATED VOLTAGE AND NOTE 6	08/30/12	QIU	PROJECT/PART NUMBER:	CM5022R800R-10		
C	UPDATE COMPANY LOGO ADD EQUIVALENT CIRCUIT	02/03/09	JRK	DATE:	08/02/04	SCALE:	NTS
B	UPDATE COMPANY LOGO	12/19/07	JRK	CAD #	H0495-0	SHEET:	2 of 3
A	ORIGINAL DRAFT	08/02/04	JRK				
REV	DESCRIPTION	DATE	INT				



ELECTRICAL TESTING

	GROSS	GROSS
TEST:	Z	Z
# TURNS	1	1
AWG	22	22
FREQUENCY	25 MHz	100 MHz
NOMINAL	60 Ω	80 Ω
MINIMUM	45 Ω	64 Ω
WEIGHT/1000	1.31 kgs.	2.88 lbs.

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NOTES: UNLESS OTHERWISE SPECIFIED

1. WIRE: REFERENCE STEWARD WIRE PURCHASE SPEC. W0022-.*.
2. IMPEDANCE VALUES ARE GROSS, MEASURED USING W0022-.* WIRE PLACED AGAINST END OF SLOT w/ NO D.C. BIAS.
3. REFERENCE STEWARD CORE 24H0495-000.
4. NO MORE THAN 0.18 [.007] DIFFERENCE FROM THE LONGEST TO THE SHORTEST CONDUCTOR ON ONE SIDE.
5. TERMINATION FINISH IS 100% TIN.
6. THIS PART HAS NO PIN POLARITY.

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C	UPDATE COMPANY LOGO ADD EQUIVALENT CIRCUIT	02/03/09	JRK				
B	UPDATE COMPANY LOGO	12/19/07	JRK				
A	ORIGINAL DRAFT	08/02/04	JRK				
REV	DESCRIPTION	DATE	INT				
				PROJECT/PART NUMBER:	REV	PART TYPE:	DRAWN BY:
				CM5022R800R-10	D	ASSEMBLY	JRK
				DATE: 08/02/04	SCALE: NTS	SHEET: 3 of 3	
				CAD # CM5022R800R-10-D-3	TOOL # H0495-0		