

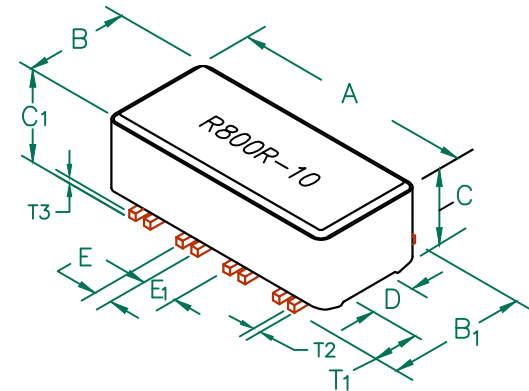
CM5022R800R-10

PHYSICAL DIMENSIONS:

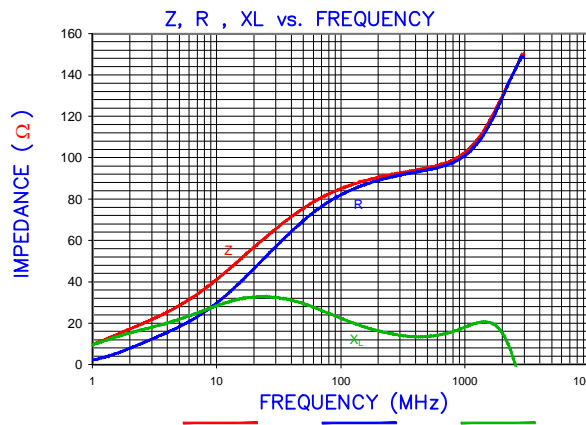
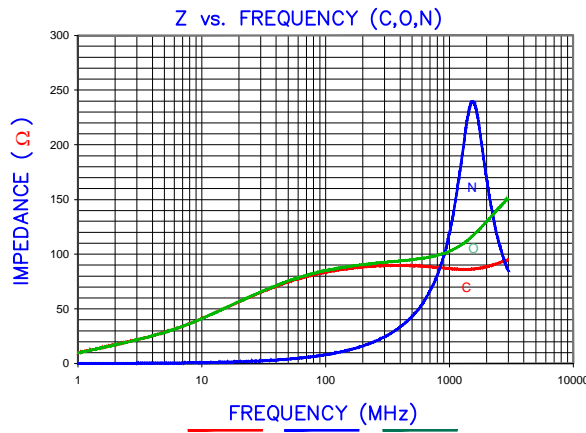
A	12.57	[.495]	+ 0.20	[.008]
B	5.72	[.225]	+ 0.10	[.004]
B ₁	6.73	[.265]	MAX	
C	4.32	[.170]	+ 0.08	[.003]
C ₁	5.00	[.197]	MAX.	
D	2.41	[.095]	+ 0.08	[.003]
E	0.89	[.035]	+ 0.13	[.005]
E ₁	1.91	[.075]	+ 0.13	[.005]

WIRE:

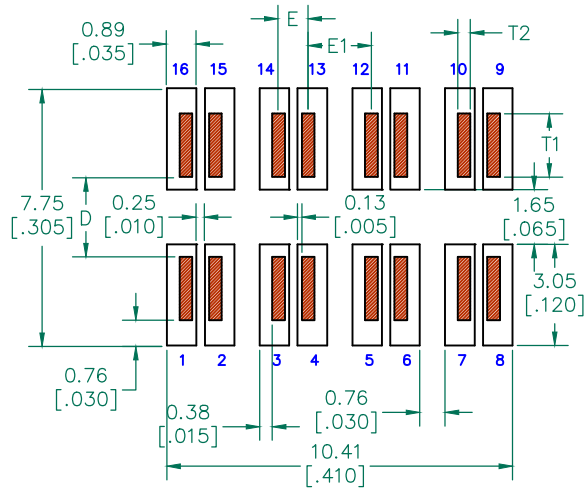
T ₁	1.91	[.075]	+ 0.25	[.010]
T ₂	0.38	[.015]	TYP.	
T ₃	0.38	[.015]	TYP.	



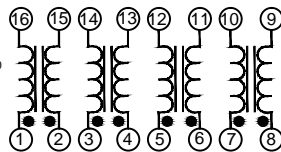
RoHS



LAND PATTERNS FOR REFLOW SOLDERING



EQUIVALENT CIRCUIT NO POLARITY



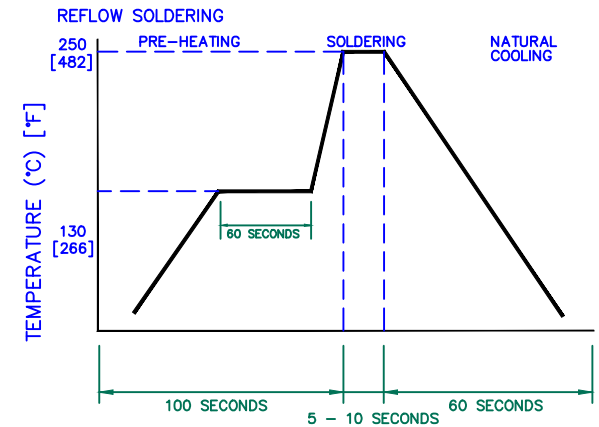
ELECTRICAL CHARACTERISTICS:

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

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.

RECOMMENDED SOLDERING CONDITIONS

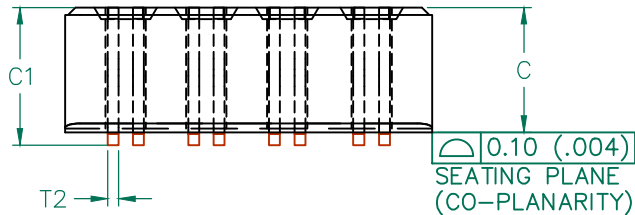
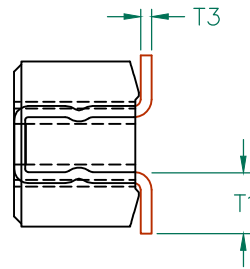
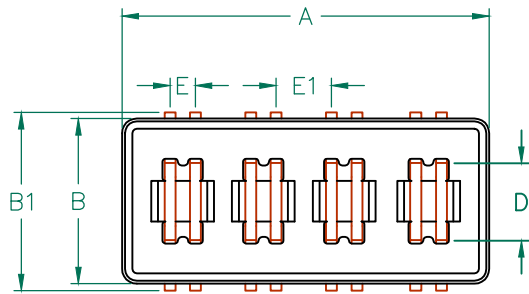


DIMENSIONS ARE IN mm (INCHES).

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REV	DESCRIPTION	DATE	INT	PROJECT/PART NUMBER:	REV	PART TYPE:	DRAWN BY:
D	ADD NOTE 6	08/30/12	QIU	CM5022R800R-10	D	ASSEMBLY	JRK
C	UPDATE COMPANY LOGO ADD EQUIVALENT CIRCUIT	02/03/09	JRK		SCALE: NTS	SHEET: 1 of 2	
B	UPDATE COMPANY LOGO	12/19/07	JRK		DATE: 08/02/04		
A	ORIGINAL DRAFT	08/02/04	JRK		CAD #		
REV	DESCRIPTION	DATE	INT	CM5022R800R-10-D-1	TOOL #	H0495-0	



SCALE DRAWING 1:1

CM5022R800R-10

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.

DIMENSIONS:

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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 DIMENSIONS:

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

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	CM5022R800R-10		D	ASSEMBLY	JRK
B	UPDATE COMPANY LOGO	12/19/07	JRK	DATE: 08/02/04		SCALE: NTS		SHEET:
A	ORIGINAL DRAFT	08/02/04	JRK	CAD #		TOOL #		2 of 2
REV	DESCRIPTION	DATE	INT	CM5022R800R-10-D-2		H0495-0		