#### PHYSICAL DIMENSIONS:

12.57 [.495] ± 0.20 [.008] 5.72 [.225] ± 0.10 [.004]

6.73 [.265] MAX

4.32 [.170] ± 0.08 [.003]

5.00 [.197] MAX. 2.41 [.095] ± 0.08 [.003]

0.89 [.035] ± 0.13 [.005]

1.91 [.075] ± 0.13 [.005]

#### WIRE:

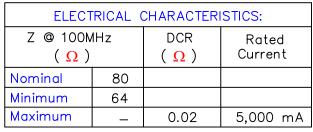
± 0.25 [.010] 1.91 [.075] T<sub>2</sub> 0.38 [.015] TYP.

TYP. T<sub>3</sub> 0.38 [.015]



# CM5022R800R-10

### UNCONTROLLED **DOCUMENT**



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.
- TERMINATION FINISH IS 100% TIN.
- THIS PART HAS NO PIN POLARITY.
- 6. OPERATION TEMPERATURE (INCLUDING SELF-HEATING): -40 ~ +125℃.

# IMPEDANCE FREQUENCY (MHz)

Z, R , XL vs. FREQUENCY 140 120 100 IMPEDANCE 20 FREQUENCY (MHz)

LAND PATTERNS FOR REFLOW SOLDERING 0.89 [.035] 15 0.25 7.75 1.65 [.305] [.010] .005 [.065] 3.05 [.120]5 6 0.76 [.030]0.76 b.38 [.030] [.015] 10.41

.410]

С

Α

REV

#### RECOMMENDED SOLDERING CONDITIONS REFLOW SOLDERING NATURAL COOLING PRE-HEATING [482] **TEMPERATURE** 60 SECONDS [266 100 SECONDS 60 SECONDS 5 - 10 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 PROJECT/PART NUMBER: UPDATE COMPANY LOGO 02/03/09 JRK ADD EQUIVALENT CIRCUIT В UPDATE COMPANY LOGO

ORIGINAL DRAFT

DESCRIPTION

PART TYPE: DRAWN BY: CM5022R800R-10 **ASSEMBLY** JRK 12/19/07 JRK DATE: 08/02/04 NTS 08/02/04 JRK CAD # 1 of 2 DATE INT CM5022R800R-10-D-1

Laird

## NO POLARITY

**EQUIVALENT CIRCUIT** 

4 5

AGILENT E4991A RF Impedance/Material Analyzer HP 16194A Test Fixture. TEST REF. 3007