# HI1206N680R-10

#### PHYSICAL DIMENSIONS:

120

100

20

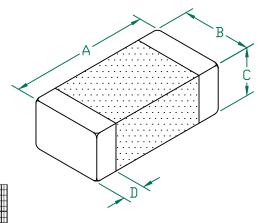
120

IMPEDANCE

± 0.20 [.008] A 3.20 [.126] B 1.60 [.063] ± 0.20 [.008] C 1.10 [.043] ± 0.20 [.008] D 0.51 [.020] ± 0.25 [.010]

10

Z vs FREQUENCY IMPEDANCE UNDER DC BIAS



ELECTRICAL CHARACTERISTICS:			
Z @ 100MHz ( Ω )		DCR $\left(\begin{array}{c}\Omega\end{array}\right)$	Rated Current
Nominal	68		
Minimum	51		
Maximum	85	0.012	3000 mA

### NOTES: UNLESS OTHERWISE SPECIFIED

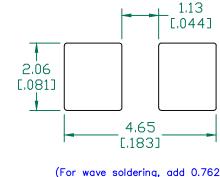
- 1. TAPED AND REELED per CURRENT EIA SPECIFICATIONS 7" REELS, 3000 PCS/REEL.
- 2. TERMINATION FINISH IS 100% TIN.
- 3. COMPONENTS SHOULD BE ADEQUATELY PREHEATED BEFORE SOLDERING.
- 4. OPERATEING TEMP.: -40°C~+125°C (INCLUDING SELF-HEATING)
- 5. COSMETIC SPECIFICATION REFER TO WI-QA-124.

#### LAND PATTERNS FOR REFLOW SOLDERING

RECOMMENDED SOLDERING CONDITIONS

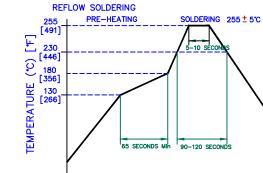
5-10 SECC

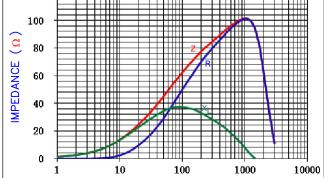
NATURAL COOLING



[0.030] to this dimension)







FREQUENCY (MHz)

100

FREQUENCY (MHz)

|Z| , R, AND XL vs. FREQUENCY

1000

10000

DIMENSIONS ARE IN mm [INCHES] This print is the property of Laird Tech, and is logned in confidence Laird 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: HI1206N680R-10 CO-FIRE 09/11/13 NTS ORIGINAL DRAFT AD # HI1206N680R-10-A 1 of 1 DESCRIPTION REV DATE

AGILENT E4991A RF Impedance/Material Analyzer HP 16092A Test Fixture. TEST REF. 3298

## **Mouser Electronics**

**Authorized Distributor** 

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**Laird Performance Materials:** 

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