# HZ0603A182R-10

## UNCONTROLLED DOCUMENT

### PHYSICAL DIMENSIONS:

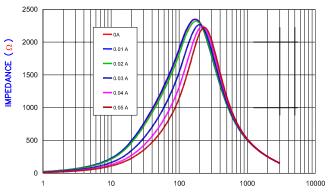
A 1.60 [.063] ± 0.15 [.006]

B 0.80 [.031] ± 0.15 [.006]

C 0.80 [.031] ± 0.15 [.006]

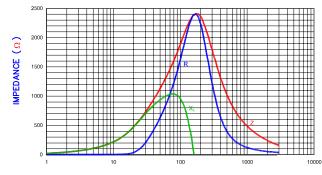
D 0.36 [.014] ± 0.15 [.006]

### Z vs. FREQUENCY IMPEDANCE UNDER DC BIAS



FREQUENCY (MHz)

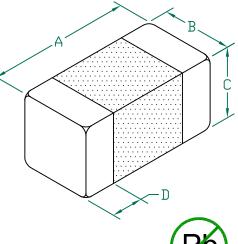
### |Z| , R, AND X vs. FREQUENCY



FREQUENCY (MHz)

R

X,



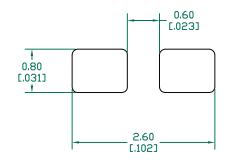
ELECTRICAL CHARACTERISTICS:									
Z @ 100MHz $\left(\begin{array}{c}\Omega\end{array}\right)$		DCR $\left(\begin{array}{c}\Omega\end{array} ight)$	Rated Current						
Nominal	1800								
Minimum	1350								
Maximum	2250	1.5	50 mA						

NOTES: UNLESS OTHERWISE SPECIFIED

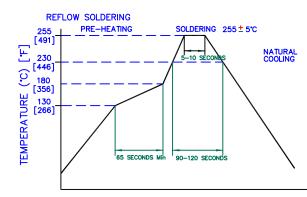
- 1. TAPED AND REELED per CURRENT EIA SPECIFICATIONS 7" REELS, 4000 PCS/REEL, PAPER CARRIER TAPE.
- 2. TERMINATION FINISH IS 100% TIN.
- 3. COMPONENTS SHOULD BE ADEQUATELY PREHEATED BEFORE SOLDERING.
- 4. OPERATEING TEMPERATURE TEMP: -40°C~+125°C (INCLUDING SELF-HEATING)

### LAND PATTERNS FOR REFLOW SOLDERING

#### RECOMMENDED SOLDERING CONDITIONS



(For wave soldering, add 0.762 [.030] to this dimension)





DIMENSIONS ARE IN mm [INCHES].				This print is the property of Lair	d					
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				copies shall be made without the written consent of Laird Tech. All	╎│┗┺					
			-	rights to design or invention are						
				reserved.						
D	ADD OPERATING TEMPERATURE UPDATE LAIRD LOGO AND REFLOW CURVE	08/05/13	QU	PROJECT/PART NUMBER:	REV	PART TYPE:	DRAWN BY:			
	UPDATE LAIRD LOGO AND REFLOW CORVE	,,		117060741900 10	ח	CO-FIR	E JRK			
С	UPDATE COMPANY LOGO	02/22/08	JRK	HZ0603A182R-10	١٢	00 1 111	- OKK			
В		07/25/06			CALE:	SHE	ET:			
Α	ORIGINAL DRAFT	03/30/06	JRK	00,00,00	00L #		2 of 2			
REV	DESCRIPTION	DATE	INT		OUL #	-	2 01 2			

AGILENT E4991A RF Impedance/Material Analyzer HP 16194A Test Fixture. TEST REF. 5544