

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from, Europe, America and south Asia, supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts, Customers Priority, Honest Operation, and Considerate Service", our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip, ALPS, ROHM, Xilinx, Pulse, ON, Everlight and Freescale. Main products comprise IC, Modules, Potentiometer, IC Socket, Relay, Connector. Our parts cover such applications as commercial, industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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# LI0603G800R-10

# UNCONTROLLED DOCUMENT

## PHYSICAL DIMENSIONS:

120

100

80

20

MPEDANCE

IMPEDANCE

HP 16194A Test Fixture. TEST REF. 3235



- 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

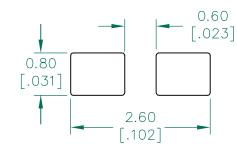
# P6)

ELECTRICAL CHARACTERISTICS:								
Z @ 100M ( <u>Ω</u> )	1Hz	DCR $\left(\begin{array}{c}\Omega\end{array}\right)$	Rated Current					
Nominal	80							
Minimum	60							
Maximum	100	0.2	700 mA					

NOTES: UNLESS OTHERWISE SPECIFIED

1. TAPED AND REELED per CURRENT EIA

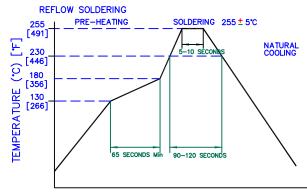
- SPECIFICATIONS 7" REELS, 4000 PCS/REEL.
- 2. COMPONENTS SHOULD BE ADEQUATELY PREHEATED BEFORE SOLDERING.
- 3. TERMINATION FINISH IS 100% TIN.
- 4. OPERATING TEMP. RANGE: -40°C~+125°C. (INCLUDING SELF-HEATING)



LAND PATTERNS FOR REFLOW SOLDERING

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

### RECOMMENDED SOLDERING CONDITIONS



Z  , R, AND X vs. FREQUENCY							
120							
100							
80		Z					
60		R					
40							
20		X.					
0	10	100	1000	10			
	FE	REQUENCY (M	IH-7)				

FREQUENCY (MHz)

FREQUENCY (MHz)

Z
R

AGILENT E4991A RF Impedance/Material Analyzer



DIMENSIONS ARE IN mm [INCHES].			This print is the property of Laird							
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				copies shall be made without the written consent of Laird Tech. Al			G.			
				rights to design or invention are						
				reserved.						
				PROJECT/PART NUMBER:	R	EV	PART TYPE:	:	DRAWN BY:	
С	ADD NOTES 3 AND NOTES 4 UPDATE LAIRD LOGO AND REFLOW CURVE	08/05/13	QU	LI0603G800R-10		С	CO-FI	RE	JRK	
В	UPDATE COMPANY LOGO ADD ROHS SYM	07/15/08	JRK	DATE: 11/25/03	SCALE		S	SHEET:		
Α	ORIGINAL DRAFT	11/25/03	JRK		TOOL	_	_	_		
REV	DESCRIPTION	DATE	INT	LI0603G800R-10-C		* -	-	2	of 2	