HZ0603D102R-10

PHYSICAL DIMENSIONS:

0amp

50ma

- 100ma

150ma 200ma

10

100

1000

1200

1000

800

600

400

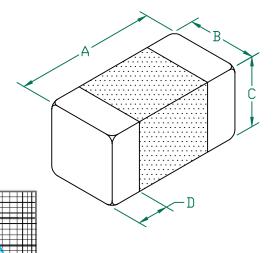
200

MPEDANCE

MPEDANCE (Ω)

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

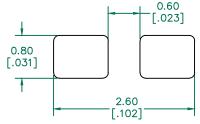


ELECTRICAL CHARACTERISTICS:										
Z @ 100M (Ω)	1Hz	DCR (Ω)	Rated Current							
Nominal	1000									
Minimum	750									
Maximum	1250	0.35	400 mA							

NOTES: UNLESS OTHERWISE SPECIFIED

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

LAND PATTERNS FOR REFLOW SOLDERING



(For wave soldering, add 0.762 [0.030] to this dimension)

REFLOW SOLDERING **TEMPERATURE** [266]

SOLDERING 255 ± 5°C PRE-HEATING NATURAL COOLING 90-120 SECONDS

RECOMMENDED SOLDERING CONDITIONS

	1200 -			Z	,	R	,	A	ND	XL	VS	3.	F	RE	2	UEN	CY			
	1200 7			H	7	Ħ	\blacksquare	Ŧ		F		H	Ŧ	Ħ	\mp			Ħ	\pm	
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	800 -					Ħ		Ī					1		4	7	Z		#	
	600 -							ŧ			/		4				Ŧ	/		
	400 -			Ħ		Ħ		ŧ			1		1						¥	
	200 -													1		X,		X		
	0 -					٢	-	1	_			Н	_	Н	4				#	<u></u>
1 10 100 1000 FREQUENCY (MHz)																				
			_		Z		•			ı	₹					>	(L	•		

FREQUENCY (MHz)

	DIMENSIONS ARE IN mm [INCHE	ES].	This print is the property of Laird				
				Tech. and is loaned in confidence subject to return upon request an	d I		T,
				with the understanding that no		.air(
				copies shall be made without the written consent of Laird Tech. All			
				rights to design or invention are			
				reserved.			
				PROJECT/PART NUMBER:	REV	PART TYPE:	DRAWN BY:
С	UPDATE LAIRD LOGO AND NOTES 4	08/05/13	QU	HZ0603D102R-10	l c	CO-FIRE	WEI
В	UPDATE REFLOW ADD DC BIAS CURVE	11/21/12	QU	1120003D102N=10			11-
	ADD OPERATING TEMPERATURE	1 ' '		DATE: 11/21/12 SC	ALE:	_ SHEET:	
Α	ORIGINAL DRAFT	03/01/11	WEI		DL #		of 2
REV	DESCRIPTION	DATE	INT	"HZ0603D102R-10-C	"	- -	01 2

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

Mouser Electronics

Authorized Distributor

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<u>Laird Performance Materials</u>: HZ0603D102R-10