

## COMPONENT SPECIFICATION

Name	<b>BEAD ARRAY</b>	COMPOSITE SPECIFICATION		1/2
	<b>MFB-3216 SERIES</b>	SPEC#	MFB-321611-1000M4N2	

### 1. Scope

This specification applies to the **MFB-321611** series Bead Array

### 2. Standard and Atmospheric Conditions

Unless otherwise specified the standard range of atmospheric conditions for making measurements and tests is as follows:

Ambient temperature :  $20 \pm 15^\circ\text{C}$

Relative humidity : 30~70%

If there may be any doubt on the results, measurements shall be made within the following limits :

Ambient temperature :  $25 \pm 5^\circ\text{C}$

Relative humidity : 30~70%

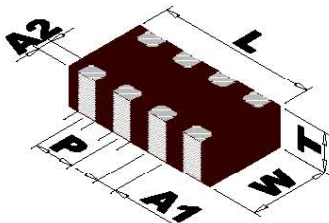
OPERATING TEMP. RANGE :  $-55^\circ\text{C} \sim +125^\circ\text{C}$

STORAGE TEMP. RANGE :  $-10^\circ\text{C} \sim +40^\circ\text{C}$

### 3. Ratings

PART NO	IMPEDANCE ( $\Omega$ ) AT100 MHz 500mV	DC RESISTANCE ( $\Omega$ ) Max	RATED CURRENT (mA) Max
MFB-321611-1000M4N2	$1000 \pm 25\%$	0.7	50

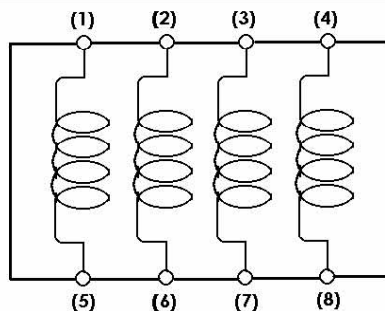
### 4. Dimensions



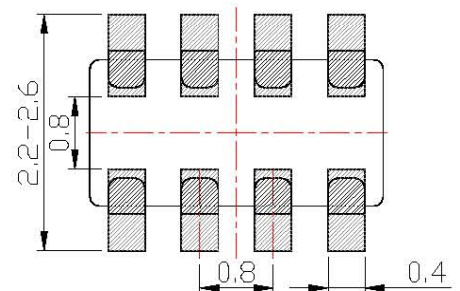
unit: mm  
(inch)

TYPE	L	W	T	A1	A2	P
MFB-3216	$3.2 \pm 0.2$ (.126 ± .008)	$1.6 \pm 0.2$ (.063 ± .008)	$0.8 \pm 0.2$ (.031 ± .008)	$0.4 \pm 0.15$ (.016 ± .006)	$0.3 \pm 0.2$ (.012 ± .008)	$0.8 \pm 0.1$ (.031 ± .004)

#### Equivalent Circuit



#### Layout Patterns



### 5. The Place of Origin :

Taichung, Taiwan

### Inspection Condition:

IR Between Element at 50VDC (>10M  $\Omega$  min)

HISTORY	DATE	REVISION	SIGN.	SIGN.
PLANNED BY	CHECKED BY	APPROVED BY		
LUN	TINA	<b>Chi Chi Huang</b>		

Name	BEAD ARRAY	COMPOSITE SPECIFICATION		2 / 2
	<b>MFB-321611 Series</b>	SPEC#	MFB-321611-1000M4N2	

