SMD MULTILAYER CHIP BEAD ARRAY (SEMA TYPE)

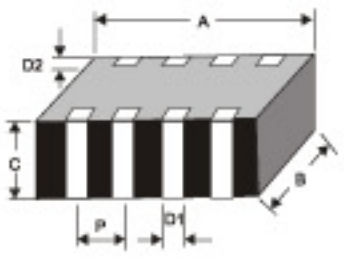
■ PRODUCT IDENTIFICATION

SEMA □□ □□ □□-□ □□□ □

(A) (B) (C)

- Packaging style: B=Bulk T=Tape & Reel
- Impedance : abc =abx10$^{c}\Omega$
- Material Code : U.Z.B.G
- Dimensions : Length (A)xWidth(B)xThickness(C)
- Product Symbol : Multilayer Chip Beads Array.

■ SHAPE AND DIMEMSION



A:3.2±0.2
B:1.6±0.2
C:0.9±0.2
D1:0.4±0.15
D2:0.2±0.1
P :0.8±0.1 UNIT:mm

■ MATERIAL CHARACTERISTICS

ITEM	UNIT	STANDARD VALUE			
Material code	—	B	U	Z	G
Initial permeability μ iac	—	45	200	500	110
Maximum permeability μ iac	—	125	450	900	250
Saturation Flux Density at 10 Oe	Gauss	2000	1400	1500	1700
Curie Temperature	℃	>200	>130	>100	>130
Volume Resistivity	Ω-m	10^5	10^5	10^5	10^5
Temperature Coefficient	10^{-6}/℃	10	13	5	12
Density	g/cm³	4.8	4.8	4.8	4.8

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■ ELECTRICAL CHARACTERISTICS

PART NO	IMPEDANCE(Ω) AT 100MHz	DC RESISTANCE (Ω) MAX	RATED CURRENT (mA) MAX
SEMA321609U300 □	30±25%	0.20	500
SEMA321609U600 □	60±25%	0.25	400
SEMA321609U121 □	120±25%	0.30	350
SEMA321609U301 □	300±25%	0.40	250
SEMA321609U601 □	600±25%	0.50	200
SEMA321609U102 □	1000±25%	0.75	150
SEMA321609G300 □	30±25%	0.25	400
SEMA321609G600 □	60±25%	0.30	300
SEMA321609G121 □	120±25%	0.40	250
SEMA321609G301 □	300±25%	0.50	200
SEMA321609G601 □	600±25%	0.60	150