



積層貼片磁珠

TYPE: MB Series
Multilayer Chip Beads

Feature (特性)

- ◆ Closed magnetic circuit structure allows high density mounting while preventing crosstalk.
(封閉式磁路結構,可高密度安裝並避免受到干擾)
- ◆ Excellent solder-ability and heat resistance
(有良好的焊錫性及耐熱性)

Figure:



Fig-1

Application (用途)

Notebook Computer, Disc Drive Unit(CD/DVD), Inkjet Printer, Hard Disk Drive, Copying Machine, Display Monitor, Gaming Machine, Color TV, Video Tape Recorder, DVD Player, Video Camera, Digital Still Camera, Car Electronics, Lowest EMI.

(筆記型電腦、磁片驅動裝置、噴墨印表機、硬碟磁碟機、影印機、顯示監視器、遊戲機、彩色電視、錄放影機、光碟機、攝影機、數位相機、汽車電子產品、防干擾對策)

ORDERING INFORMATION

Example: MB-100505-U0010LT (0402 10Ω ±25%)

Type	Size	* Impedance	Tolerance	Packing
MB100505	(0402)	10R~1K0R.	L= ±25%	T=Taping B=Bulk
MB-160808	(0603)	19R~1K5R		
MB-201209	(0805)	7R~1K5R		
MB-321611	(1206)	19R~1K8R		

* Impedance See specification Part number

DIMENSION

Unit: mm

Type	Size	A	B	C	D	E	F	G	Figure
MB100505	(0402)	1.0±0.1	0.5±0.1	0.5±0.10	0.1~0.3	0.5	0.45	0.50	Fig-2, Fig-3
MB-160808	(0603)	1.6±0.2	0.8±0.2	0.8±0.20	0.2~0.6	0.7	2.10	0.70	
MB-201209	(0805)	2.0±0.2	1.25±0.2	0.85±0.20	0.2~0.8	1.0	2.60	1.00	
MB-321611	(1206)	3.2±0.2	1.6±0.2	1.1±0.20	0.4~1.0	1.4	4.40	2.20	

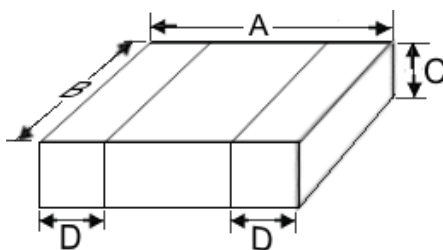


Fig-2

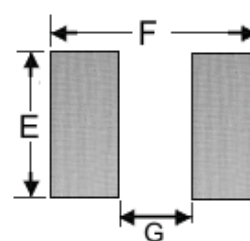


Fig-3

Impedance Range:

Type	Size	Impedance (Ω)
MB100505	(0402)	10R~1K0R.
MB-160808	(0603)	19R~1K5R
MB-201209	(0805)	7R~1K5R
MB-321611	(1206)	19R~1K8R



Standard Electrical Specifications MB - Series Multilayer Chip Beads

Part Number MB-100505 (0402) 產品料號	Impedance (Ω) 阻抗值 (Z)	Tolerance (%) 誤差值	Freq. (MHz) 測試頻率	DCR(Ω) (max) 直流阻抗	IDC (A) (max) 定格電流
MB-100505-U0010	10	25%	100	0.05	500
MB-100505-U0030	30	25%	100	0.2	300
MB-100505-U0060	60	25%	100	0.4	200
MB-100505-U0120	120	25%	100	0.5	200
MB-100505-U0300	300	25%	100	0.75	100
MB-100505-U0470	470	25%	100	0.9	100
MB-100505-U0600	600	25%	100	1.1	50
MB-100505-U1000	1000	25%	100	1.5	50

Part Number MB-160808 (0603) 產品料號	Impedance (Ω) 阻抗值 (Z)	Tolerance (%) 誤差值	Freq. (MHz) 測試頻率	DCR(Ω) (max) 直流阻抗	IDC (A) (max) 定格電流
MB-160808-U0019	19	25%	100	0.10	400
MB-160808-U0031	31	25%	100	0.10	400
MB-160808-U0052	52	25%	100	0.15	400
MB-160808-U0060	60	25%	100	0.15	400
MB-160808-U0080	80	25%	100	0.15	400
MB-160808-U0100	100	25%	100	0.15	400
MB-160808-U0120	120	25%	100	0.15	400
MB-160808-U0150	150	25%	100	0.15	400
MB-160808-U0180	180	25%	100	0.20	400
MB-160808-U0200	200	25%	100	0.20	400
MB-160808-U0220	220	25%	100	0.20	400
MB-160808-U0300	300	25%	100	0.30	400
MB-160808-U0400	400	25%	100	0.30	400
MB-160808-U0450	450	25%	100	0.30	400
MB-160808-U0600	600	25%	100	0.35	400
MB-160808-U0750	750	25%	100	0.35	400
MB-160808-U1000	1000	25%	100	0.55	300
MB-160808-U1500	1500	25%	100	0.6	200

□ Standard Electrical Specifications MB - Series Multilayer Chip Beads

Part Number MB-201209 (0805) 產品料號	Impedance (Ω) 阻抗值 (Z)	Tolerance (%) 誤差值	Freq. (MHz) 測試頻率	DCR(Ω) (max) 直流阻抗	IDC (A) (max) 定格電流
MB-201209-U0007	7	25%	100	0.10	300
MB-201209-U0011	11	25%	100	0.10	300
MB-201209-U0017	17	25%	100	0.10	300
MB-201209-U0026	26	25%	100	0.10	300
MB-201209-U0031	31	25%	100	0.10	300
MB-201209-U0052	52	25%	100	0.15	300
MB-201209-U0060	60	25%	100	0.15	300
MB-201209-U0080	80	25%	100	0.15	300
MB-201209-U0100	100	25%	100	0.20	300
MB-201209-U0120	120	25%	100	0.20	300
MB-201209-U0150	150	25%	100	0.20	300
MB-201209-U0220	220	25%	100	0.25	300
MB-201209-U0300	300	25%	100	0.25	300
MB-201209-U0400	400	25%	100	0.3	300
MB-201209-U0530	530	25%	100	0.35	300
MB-201209-U0600	600	25%	100	0.35	300
MB-201209-U1000	1000	25%	100	0.45	300
MB-201209-U1500	1500	25%	100	0.70	300

Part Number MB-321211 (1206) 產品料號	Impedance (Ω) 阻抗值 (Z)	Tolerance (%) 誤差值	Freq. (MHz) 測試頻率	DCR(Ω) (max) 直流阻抗	IDC (A) (max) 定格電流
MB-321211-U0019	19	25%	100	0.10	800
MB-321211-U0026	26	25%	100	0.10	800
MB-321211-U0031	31	25%	100	0.10	800
MB-321211-U0052	52	25%	100	0.15	800
MB-321211-U0060	60	25%	100	0.15	500
MB-321211-U0070	70	25%	100	0.15	500
MB-321211-U0100	100	25%	100	0.20	450
MB-321211-U0120	120	25%	100	0.20	450
MB-321211-U0150	150	25%	100	0.20	450
MB-321211-U0220	220	25%	100	0.20	350
MB-321211-U0300	300	25%	100	0.20	350
MB-321211-U0400	400	25%	100	0.25	350
MB-321211-U0600	600	25%	100	0.25	350
MB-321211-U0750	750	25%	100	0.30	350
MB-321211-U1000	1000	25%	100	0.35	350
MB-321211-U1500	1500	25%	100	0.40	350
MB-321211-U1800	1800	25%	100	0.40	350

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PACKING

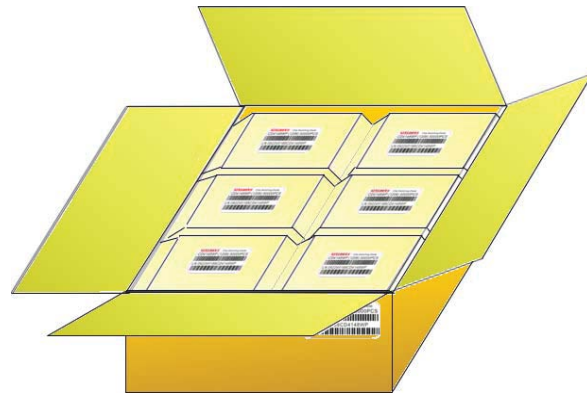
Type	Size	Quantity (ea)		
		10,000 /Reel	100K / Inner Box	600K / Carton
MB100505	(0402)	10,000 /Reel	100K / Inner Box	600K / Carton
MB-160808	(0603)	4,000 /Reel	40K / Inner Box	240K / Carton
MB-201209	(0805)	4,000 /Reel	40K / Inner Box	240K / Carton
MB-321611	(1206)	3,000 /Reel	30K / Inner Box	180K / Carton



178mm Reel Tape



Inner Box



Carton

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※美隆公司產品規格及其特性參數的改變或更新恕不另行通知。

※Mayloon characteristic parameters of electronic product specification changes or updates without notice to improve。

