

# Multilayer Chip Beads for High Current

## GSMA160808(0603) / GSMA201209(0805)

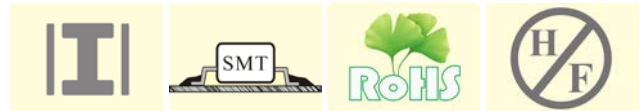
## GSMA321611(1206)

### Features (特長)

- Closed magnetic circuit structure allows high density mounting while preventing crosstalk. (封閉磁路結構，可高密度安裝並避免干擾)
- Excellent solderability and heat resistance. (良好的焊錫性及耐熱性)
- High current to 3A. (大電流達 3A)

### 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)



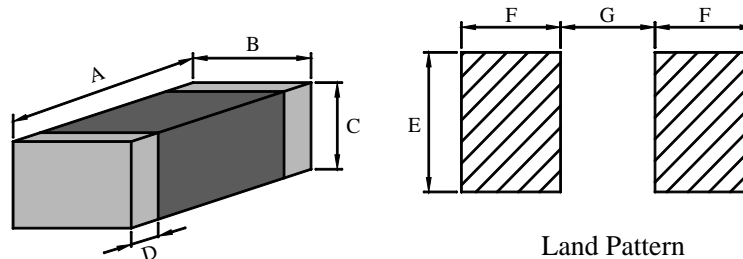
### Product Identification (產品識別)

GSMA160808 - \_\_\_\_ \_\_\_\_ (Ex. GSMA160808-U0030)

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1. Multilayer Chip Beads for High Current (高電流積層式晶片磁珠)  
(GSMA160808, GSMA201209, GSMA321611)
2. Material (材質)
3. Impedance (阻抗值)

### Configurations & Dimensions (結構圖及規格尺寸)



Unit In mm

Type (型式)	A	B	C	D	E	F	G
GSMA160808 (0603)	1.6 ± 0.2	0.8 ± 0.2	0.8 ± 0.2	0.2~0.6	0.80	0.80	0.6
GSMA201209 (0805)	2.0 ± 0.2	1.25 ± 0.2	0.9 ± 0.2	0.2~0.8	1.30	0.75	0.8
GSMA321611 (1206)	3.2 ± 0.2	1.6 ± 0.2	1.1 ± 0.2	0.4~1.0	2.06	1.10	2.0

# Multilayer Chip Beads for High Current GSMA

## Electrical Characteristics GSMA Series [GSMA 系列電子特性規格]

Part Number 產品料號	Impedance ( $\Omega$ ) 阻抗值 (Z)	Tolerance 誤差值	Freq. (MHz) 測試頻率	DCR( $\Omega$ ) (max) 直流阻抗	IDC (A) (max) 定格電流
GSMA160808 – U0030	30	25 %	100	0.04	3.0
GSMA160808 – U0060	60	25 %	100	0.04	3.0
GSMA160808 – U0120	120	25 %	100	0.05	2.0
GSMA160808 – U0600	600	25 %	100	0.30	1.0
GSMA201209 – U0011	11	25 %	100	0.03	3.0
GSMA201209 – U0017	17	25 %	100	0.03	3.0
GSMA201209 – U0031	31	25 %	100	0.03	3.0
GSMA201209 – U0047	47	25 %	100	0.03	3.0
GSMA201209 – U0052	52	25 %	100	0.03	3.0
GSMA201209 – U0060	60	25 %	100	0.04	3.0
GSMA201209 – U0080	80	25 %	100	0.04	3.0
GSMA201209 – U0100	100	25 %	100	0.04	3.0
GSMA201209 – U0120	120	25 %	100	0.05	3.0
GSMA201209 – U0220	220	25 %	100	0.05	3.0
GSMA201209 – U0300	300	25 %	100	0.05	3.0
GSMA201209 – U0600	600	25 %	100	0.10	2.0
GSMA201209 – U1000	1000	25 %	100	0.30	1.0
GSMA201209 – U1500	1500	25 %	100	0.30	1.0
GSMA321611 – U0019	19	25 %	100	0.03	3.0
GSMA321611 – U0031	31	25 %	100	0.03	3.0
GSMA321611 – U0060	60	25 %	100	0.03	3.0
GSMA321611 – U0070	70	25 %	100	0.04	3.0
GSMA321611 – U0100	100	25 %	100	0.04	3.0
GSMA321611 – U0120	120	25 %	100	0.05	3.0
GSMA321611 – U0150	150	25 %	100	0.05	3.0
GSMA321611 – U0300	300	25 %	100	0.06	3.0
GSMA321611 – U0500	500	25 %	100	0.07	2.5
GSMA321611 – U0600	600	25 %	100	0.08	2.0
GSMA321611 – U1000	1000	25 %	100	0.30	1.0