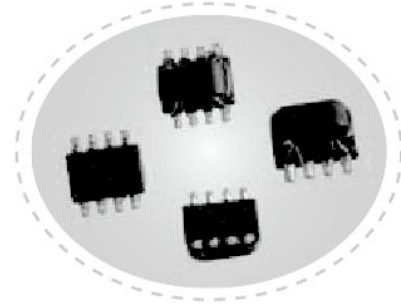




## B8C SERIES

For Signal and Noise Suppression Application.  
適用於訊號及雜訊抑制之應用。



### FEATURES

- 1.The B8C series has high common mode impedance in small size.
- 2.The B8C series is effective for common mode noise suppression in digital equipment which radiation is caused from cables.
- 3.Suitable for reflow soldering.
- 4.The products contain no lead and also support lead-free soldering.

### 特徵

- 1.B8C系列具小型而有高的共模阻抗。
- 2.B8C系列能有效抑制數位設備內由電纜輻射出之共模雜訊。
- 3.適合回流焊。
- 4.產品無鉛適合無鉛焊錫。

### APPLICATIONS

B8C series is effective in high frequency noise suppression and suitable for suppression of radiation noise in signal cables.The dual winding type common mode choke coil structure enables noise suppression without degrading the signal. B8C can be used as a common mode filter for USB2.0&IEEE1394.

### 應用

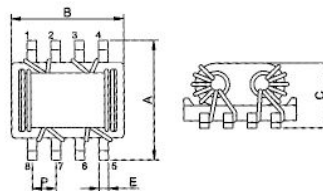
B8C系列能有效抑制高頻雜訊而且適合抑制由訊號電纜所輻射之雜訊。雙繞綫型式的共模扼流綫圈結構能抑制雜訊而不造成訊號的衰減。B8C可做為一 共模濾器，應用於USB2.0及IEEE1394。

### ORDERING CODE (標志示例)

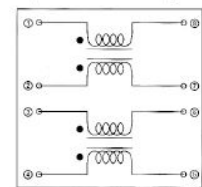
$\frac{B8C}{(1)}$      $\frac{6560}{(2)}$      $\frac{121}{(3)}$

- |                 |     |
|-----------------|-----|
| (1). Type       | 類型  |
| (2). Dimensions | 尺寸  |
| (3). Impedance  | 阻抗值 |

### SHAPE AND DIMENSIONS (形狀尺寸)



Equivalent Circuit Diagram



Unit:mm

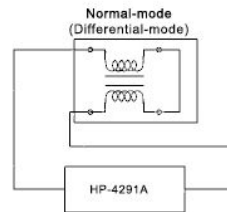
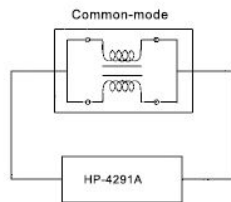
TYPE	A	B	C	E	P
6560	6.7max.	6.1max.	3.75max.	0.5±0.2	1.27±0.2



## B8C6560 SERIES

Part No. 品名	Common mode Impedance 共模阻抗 ( $\Omega$ )	D.C.R( $\Omega$ ) 直流電阻 (Max)	Rated Current 額定電流 (mA)	Withstand Voltage 耐壓 (Vdc)	Insulation Resistance 絕緣電阻 ( $\Omega$ ) min.
B8C 6560-121	120 $\pm$ 25% at 100MHz	0.12	500	100	100M
B8C 6560-301	300 $\pm$ 25% at 100MHz	0.12	500	100	100M
B8C 6560-501	500 $\pm$ 25% at 100MHz	0.12	500	100	100M

### Measuring Circuit



### Typical Impedance V.S.Frequency Curve

