



## SMB SERIES - Surface Mount Beads



### FEATURES

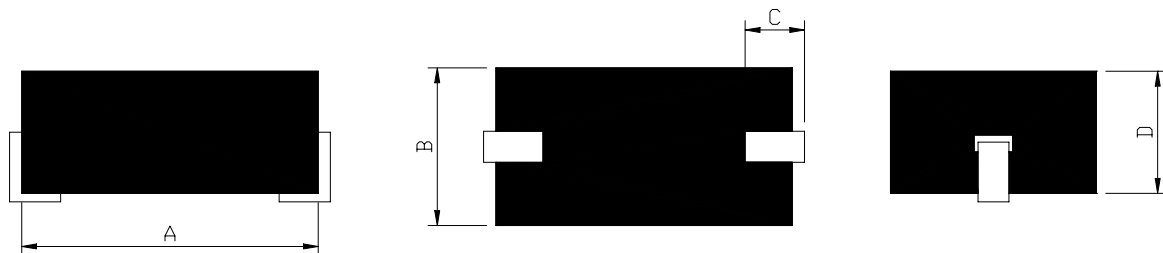
1. High performance-medium current DC power and signal filtering .
2. High frequency broadband transformers (balun core devices).
3. Ideal for wide-band chokes are mainly used in the PC boards to filter the EMI from the outsides .
4. Lead Free with RoHS compliant .

### PART NUMBERING SYSTEM

|            |                  |   |            |   |           |
|------------|------------------|---|------------|---|-----------|
| <b>C4S</b> | <b>SMB403025</b> | — | <b>350</b> | — | <b>LF</b> |
| MATERIAL   | TYPE & SIZES     |   | IMPEDANCE  |   | LEAD FREE |

### SHAPES AND DIMENSIONS

UNIT : mm



### SPECIFICATION TABLE

| PART NUMBER             | IMPEDANCE<br>@25MHz (Ω) | IMPEDANCE<br>@100MHz (Ω) | DIMENSIONS |           |           |           | DCR<br>( ohm )<br>Max. | Rated<br>Current<br>(A) Max |
|-------------------------|-------------------------|--------------------------|------------|-----------|-----------|-----------|------------------------|-----------------------------|
|                         |                         |                          | A          | B         | C         | D         |                        |                             |
| C4S<br>SMB403025-350-LF | 20 typ.                 | 35 typ.                  | 4.05±0.25  | 3.05±0.25 | 1.27±0.20 | 2.55±0.25 | 0.60                   | 6                           |
| C4S<br>SMB853025-850-LF | 50 typ.                 | 85 typ.                  | 8.5±0.30   | 3.05±0.25 | 1.27±0.20 | 2.55±0.25 | 0.90                   | 6                           |
| C4S<br>SMB784730-900-LF | 55 typ.                 | 90 typ.                  | 7.8±0.30   | 4.75±0.25 | 1.27±0.20 | 3.00±0.25 | 0.90                   | 6                           |

- Operating temperature range -25°C to +85°C .
- Electrical specifications at 25°C.
- Testing: Impedance is tested on an HP4287A at 25MHz & 100 MHz
- Additional Information: Additional electrical & physical information available upon request.
- Packing : 7" reel, machine-ready ,embossed plastic tape ( 500 parts per full reel).