

SURFACE MOUNT BEADS ~ SMB SERIES



FEATURES

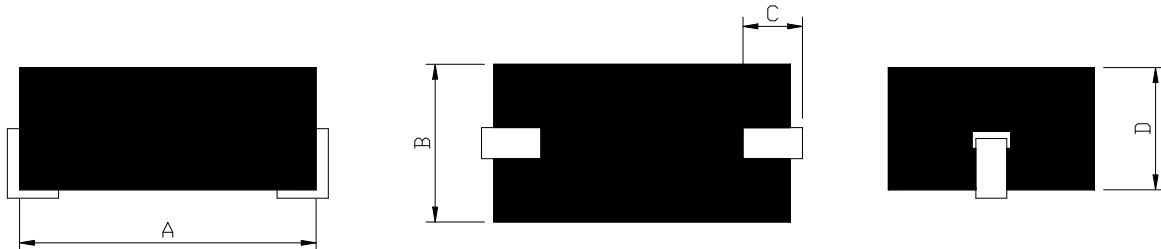
1. High performance-medium current DC power and signal filtering .
2. High frequency broadband transformers (balun core devices).
3. Ideal for wide-band chokes are mainly used in the PC boards to filter the EMI from the outsides .
4. Lead Free with RoHS compliant .

PART NUMBERING SYSTEM

| | | | | | |
|------------|------------------|---|------------|---|-----------|
| C4S | SMB403025 | — | 350 | — | LF |
| MATERIAL | TYPE & SIZES | | IMPEDANCE | | LEAD FREE |

SHAPES AND DIMENSIONS

UNIT : mm



SPECIFICATION TABLE

| PART NUMBER | IMPEDANCE @25MHz (Ω) | IMPEDANCE @100MHz (Ω) | DIMENSIONS | | | | DCR (ohm) Max. | Rated Current (A) Max |
|---------------------------------------|-------------------------|--------------------------|------------|-----------|-----------|-----------|------------------------|-----------------------------|
| | | | A | B | C | D | | |
| C4S 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 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 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 -40°C to +125°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).