

SURFACE MOUNT BEADS ~ SMB SERIES



FEATURES

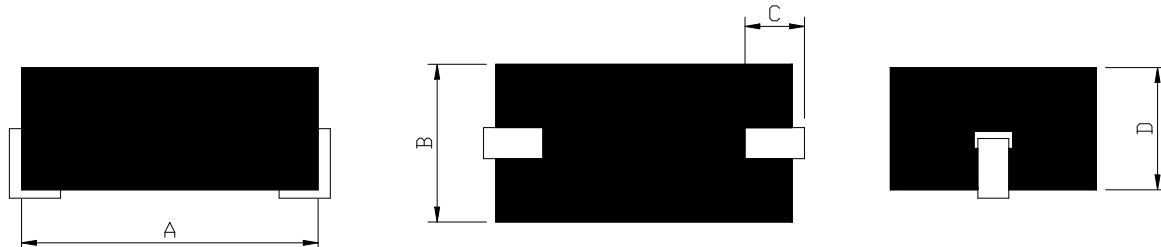
1. High performance-medium current DC power and signal filtering .
2. High frequency broadband transformers (balun core devices).
3. Ideal for wide-band chokes are mainly used in the PC boards to filter the EMI from the outsides .
4. Lead Free with RoHS compliant .

PART NUMBERING SYSTEM

C4S	SMB853025	—	850	—	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).