

SMD EMI BEADS

Series CB



OUTLINE

- ◆ Gausstek's EMI beads are similar impedance levels to leaded shield beads.
- ◆ These beads have high current carrying capacity.
- ◆ Compact size are good for use with flow or reflow soldering processes.

FEATURE

- ◆ Accurate dimensions for automatically surface mounted.
- ◆ Specially designed for surface mounting equipment.
- ◆ Available in various size which allows them to wide range of application and usage.
- ◆ High resistance to heat and humidity.

APPLICATIONS

- ◆ For Stereo. Car radio. Mobile telephone. VCRs. Computer disk drive and PC board to filter the EMI form the outside.

PRODUCT IDENTIFICATION

CB 46 X 26 I X 40R
a b c d e f g

- a : Type of Products - SMD EMI Beads
- b : Dimension - 42 : 3.81~4.32mm 78 : 7.62~8.13mm 86 : 8.40~8.75mm
56 : 8.9mm±0.3
- c : Materials - X - No Use
- d : Thickness - 26 = 2.41~2.67mm 29 = 2.66~3.18mm 28 = 2.85mm±0.2
- e : Packing - PCS/REEL - I = 500PCS K = 2500PCS
- f : Tolerance - X : Min. M : ±20%
- g : Inductance - 40R = 40Ω @ 100 Mhz

SHAPES & DIMENSIONS

Fig1

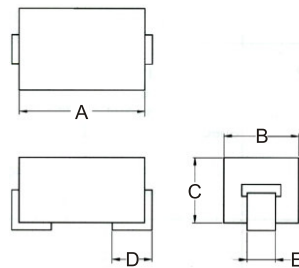
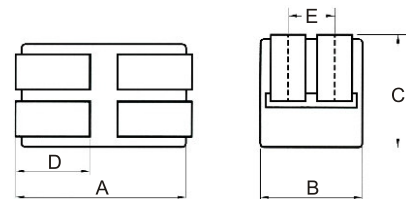


Fig2



Unit : mm

Type	A	B	C	D	E	Tape Width	Fig
CB42X26IX40R	3.81~4.32	2.92~3.18	2.41~2.67	1.27	1.3	12	1
CB78X29IX72R	7.62~8.13	4.50~5.00	2.66~3.18	2.03	1.3	16	1
CB86X26IX72R	8.40~8.75	2.92~3.18	2.41~2.67	1.27	1.35	16	1
CB56X28KM60R	8.9±0.3	5.6±0.2	2.85±0.2	1.35±0.2	2.54±0.1	16	2

ELECTRICAL CHARACTERISTICS

Type	Impedance(Ω) Min. at 25 MHz	Impedance(Ω) Min. at 100 MHz	DC Resistance (Ω) Max.
CB42X26IX40R	24	40	0.6
CB78X29IX72R	48	72	0.9
CB86X26IX72R	48	72	0.9
CB56X28KM60R	30	60Ω ±20%	-

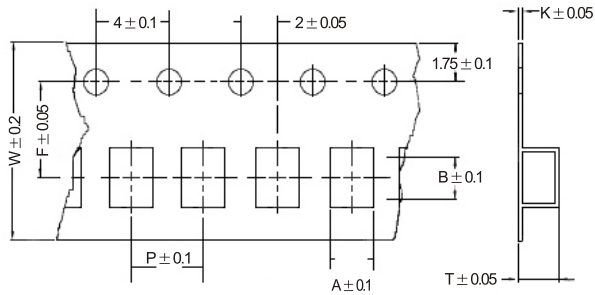
PACKAGING QUANTITY

Type	Bulk	PCS / REEL
CB42X26IX40R	✓	500
CB78X29IX72R	✓	500
CB86X26IX72R	✓	500
CB56X28KM60R	✓	2400

SMD EMI BEADS

Series CB

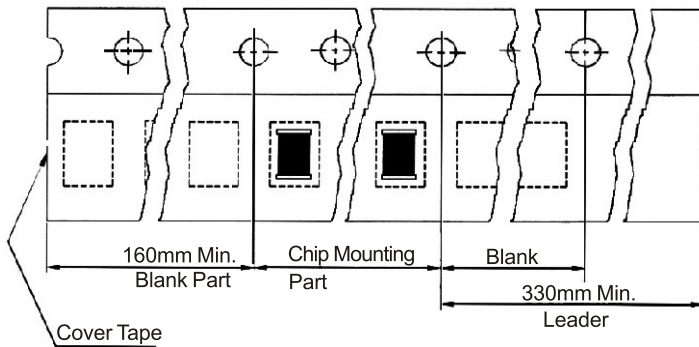
TAPE DIMENSIONS



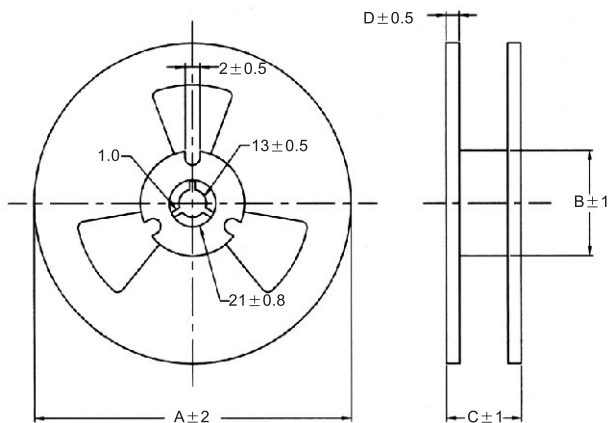
Type	A	B	T	W	P	F	K
CB42X26IX40R	3.64	5.30	3.10	12	8	5.5	0.30
CB78X29IX72R	5.24	8.77	3.69	16	8	7.5	0.30
CB86X26IX72R	3.28	9.35	3.06	16	8	7.5	0.30
CB56X28KM60R	6.30	9.30	3.10	16	8	7.5	0.27

in mm

TAPE MATERIALS



REEL DIMENSIONS



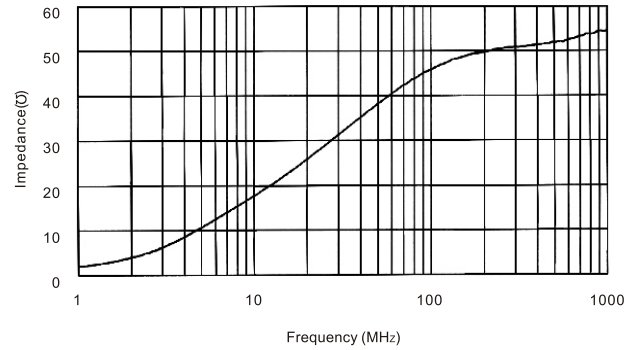
Type	A	B	C	D
CB42X26IX40R	178	60	16	1.5
CB78X29IX72R	178	60	20	1.5
CB86X26IX72R	178	60	20	1.5
CB56X28KM60R	330	100	21	2.0

in mm

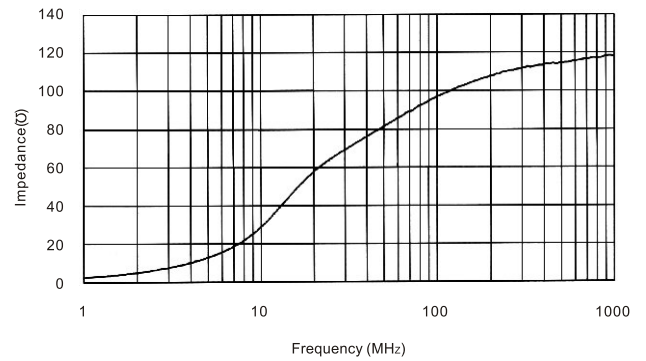
TYPICAL ELECTRICAL CHARACTERISTICS

Test Instruments: HP4291A Impedance / Material Analyzer

CB42X26IX40R



CB78X29IX72R



CB86X26IX72R

