

FB Series



The FB series are surface mount beads that have similar impedance levels as leaded shielded beads with high current carrying capacities. The sizes are good for flow or reflow soldering processes.

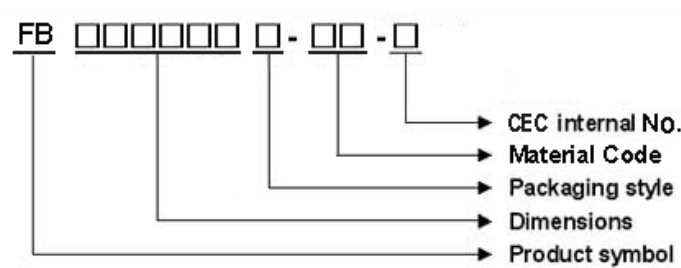
Features

- RoHS Compliant
- Special designs for surface mounting
- Available in various sizes for wide range of application and usage
- Highly resistant against heat and humidity

Applications

- Stereo, car radio, mobile telephone, VCRs, computer disk drive and PC board

Product Identification



- Packaging: T : Tape and Reel , B : Bulk
- Note: lead-free

Shape and Dimensions

Figure 1

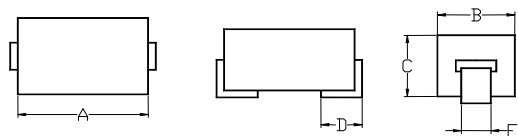
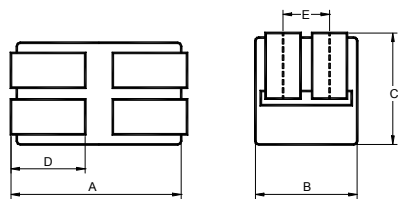


Figure 2



Dimensions in mm

TYPE	A	B	C	D	E	TAPE Width	Fig
FB423226	3.81~4.32	2.92~3.18	2.41~2.67	1.27	1.3	12	1
FB784729	7.62~8.13	4.50~5.00	2.66~3.18	2.03	1.3	16	1
FB863226	8.40~8.75	2.92~3.18	2.41~2.67	1.27	1.35	16	1
FB865626	8.9±0.3	5.6±0.2	2.85±0.2	1.35±0.2	2.54±0.1	16	2

Recommended Pattern

Figure 1

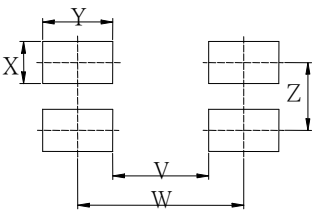
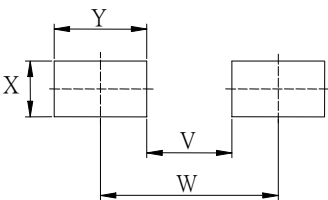


Figure 2



Dimensions in mm

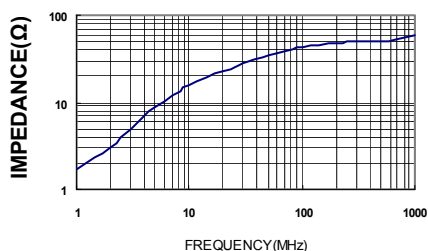
TYPE	V	W	X	Y	Z	Fig
FB423226	1.0	4.0	1.8	3.0	-	2
FB784729	5.0	8.0	1.8	3.0	-	2
FB863226	4.5	7.5	1.8	3.0	-	2
FB865626	4.5	7.5	1.8	3.0	2.54	1

Electrical Characteristics

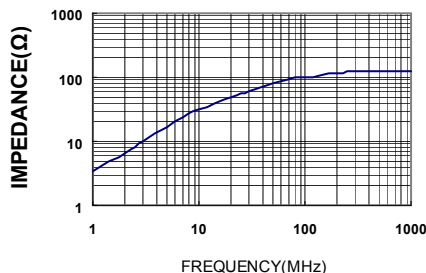
Part Number	Test Frequency		DC Resistance (mΩ) Max
	25MHz	100MHz	
FB423226-Y7-N	$24\Omega^{-0}$	$36\Omega^{-0}$	0.6
FB784729-Y7-N	$48\Omega^{-0}$	$72\Omega^{-0}$	0.9
FB863226-Y7-N	$48\Omega^{-0}$	$72\Omega^{-0}$	0.9
FB865626-Y7-N	$30\Omega^{-0}$	$60\Omega \pm 20\%$	-

Test Instruments : HP4291A RF Impedance Analyzer

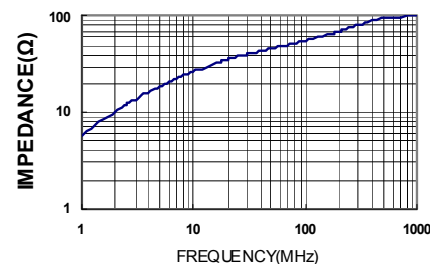
FB423226T-Y7-N



FB784729T-Y7-N

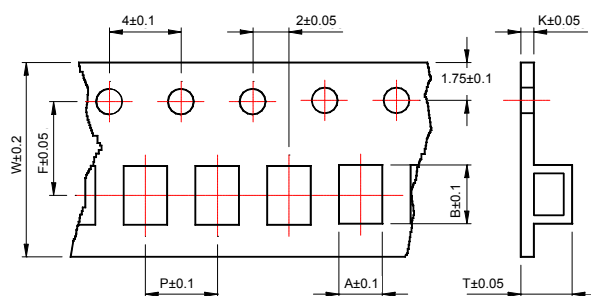


FB863226T-Y7-N



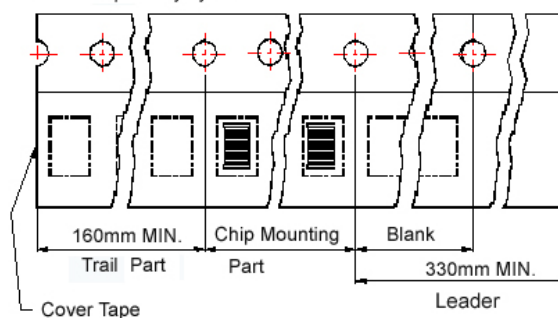
Packaging Specifications

Tape Dimensions

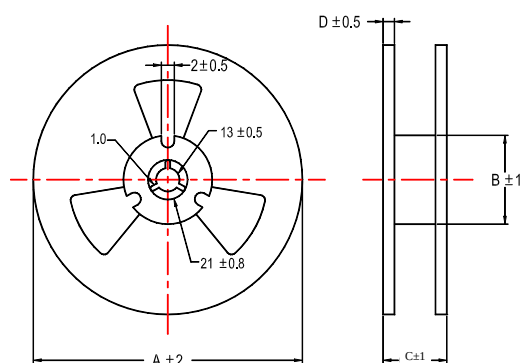


Tape Material

Carrier Tape: Polycarbonate
Cover Tape: Polystyrene



Reel Dimensions



Dimensions in mm

TYPE	Tape Dimensions							Reel Dimensions				Quantity PCS / Reel
	A	B	T	W	P	F	K	A	B	C	D	
FB423226	3.64	5.30	3.10	12	8	5.5	0.3	178	60	16	1.5	500
FB784729	5.24	8.77	3.69	16	8	7.5	0.3	178	60	20	1.5	500
FB863226	3.28	9.35	3.06	16	8	7.5	0.3	178	60	20	1.5	500
FB865626	6.30	9.30	3.10	16	8	7.5	0.27	330	100	21	2	2400