

FB Series



Chilisin's Surface mount beads, FB Series, have similar impedance levels to leaded shielded beads and high current carrying capacities. Their sizes are good for reflow or reflow soldering processes.

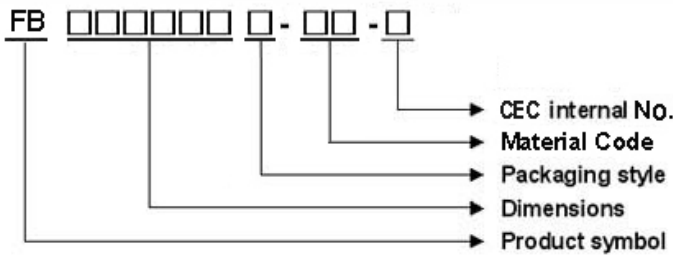
Features

- RoHS Compliant
- Special designs for surface mounting equipment, are available in various sizes which allow them to wide rang of application and usage.
- High resistance fights heat and humidity.

Applications

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

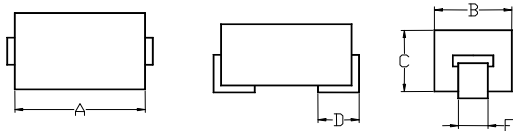
Product Identification



- Packaging: T : Tape and Reel , B : Bulk
-

Shapes and Dimensions

Figure 1



Recommended Pattern

Figure 1

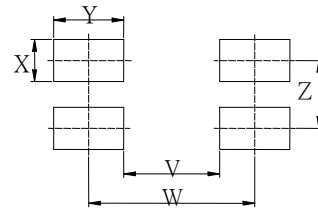


Figure 2

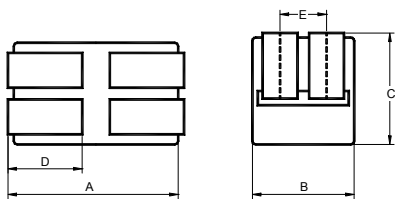
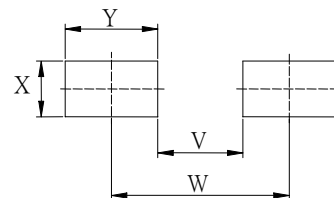


Figure 2



Dimensions in mm

TY PE	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

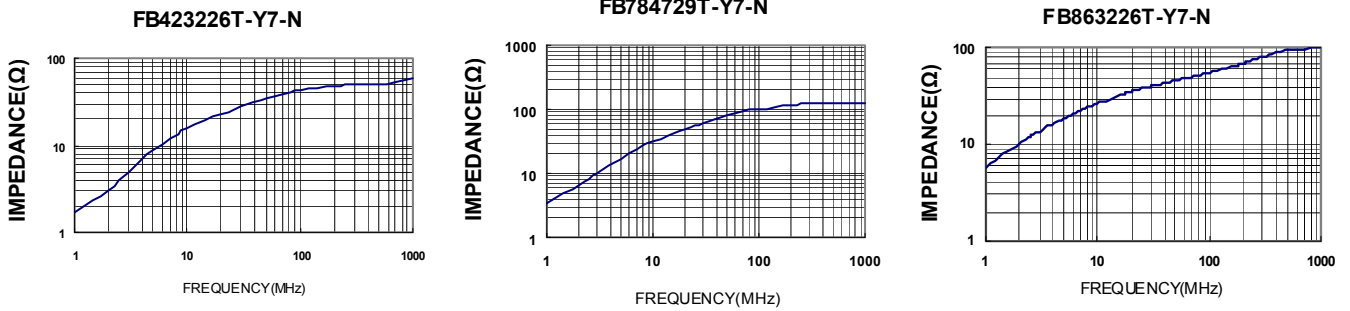
Dimensions in mm

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

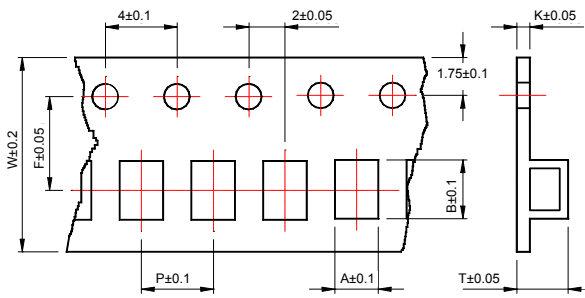
Part Number	Test Frequency		DC Resistance (Ω) Max.
	25MHz	100MHz	
FB423226-Y7-N	$24\Omega^0$	$36\Omega^0$	0.6
FB784729-Y7-N	$48\Omega^0$	$72\Omega^0$	0.9
FB863226-Y7-N	$48\Omega^0$	$72\Omega^0$	0.9
FB865626-Y7-N	$30\Omega^0$	$60\Omega \pm 20\%$	-

Test Instruments : HP4291A RF Impedance Analyzer

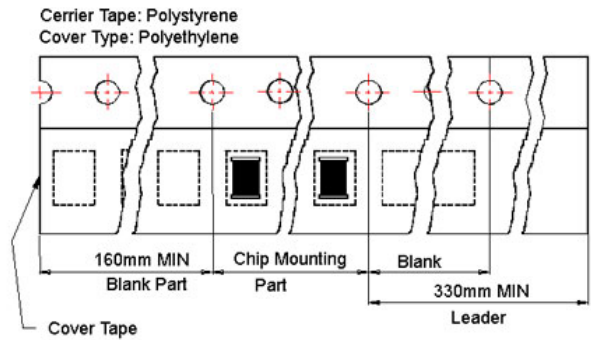


Packaging Specifications

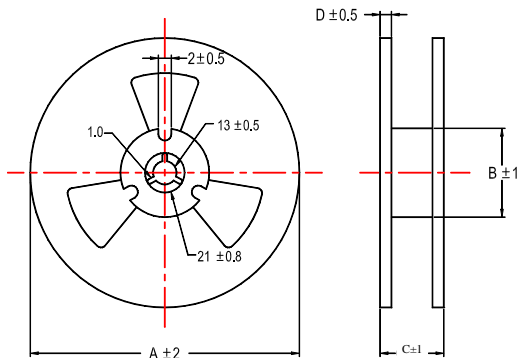
Tape Dimensions



Tape Material



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