



ELECTRICAL CHARACTERISTICS

PART NO.	IMPEDANCE (Ω)	IMPEDANCE (Ω)	DC RESISTANCE
	Min. at 25MHz	Min. at 100MHz	(Ω) Max.
FB423226-Y7-S	24	40	0.6
FB784729-Y7-S	48	72	0.9
FB863226-Y7-S	48	72	0.9
FB865626-Y7-S	30	60 $\pm$ 20%	

ELECTRICAL CHARACTERISTICS: LEAD-FREE & ROHS COMPLIANCE

PART NO.	Z (Ω)	Z (Ω)	TEST FREQ (MHz)
FB423226T-Y7-N	24-0	36-0	25/100
FB784729T-Y7-N	24-0	36-0	25/100
FB863226T-Y7-N	24-0	36-0	25/100
FB865656T-Y7-N	30-0	60 $\pm$ 20%	25/100

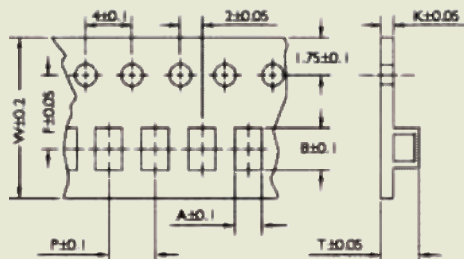
NOTE:

1. Operation temperature range -25°C~85°C

“-N” FOR COMPLETELY LEAD FREE TYPE(INCLUDING FERRITE BODY & SOLDER)

TAPE DIMENSIONS

Dimensions : mm

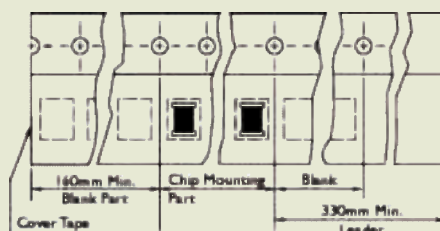


TYPE	A	B	T	W	P	F	K
FB423226-S	3.64	5.30	3.10	12	8	5.5	0.3
FB784729-S	5.24	8.77	3.69	16	8	7.5	0.3
FB863226-S	3.28	9.35	3.06	16	8	7.5	0.3
FB865626-S	6.30	9.30	3.10	16	8	7.5	0.27

TAPE MATERIAL

Carrier Tape : Polystyrene

Cover Type : Polyethylene



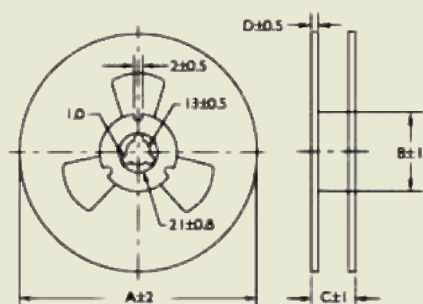
PACKAGING QUANTITY

TYPE	BULK	QUANTITY/REEL
FB423226-Y7	√	500
FB784729-Y7	√	500
FB863226-Y7	√	500
FB865626-Y7	√	2400



REEL DIMENSIONS

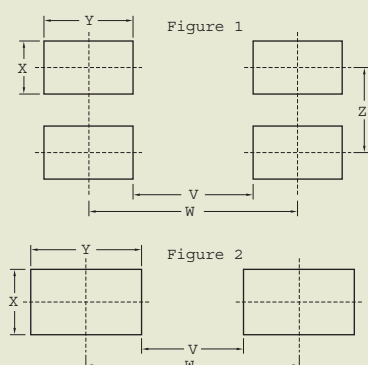
Dimensions : mm



TYPE	A	B	C	D
FB423226	178	60	16	1.5
FB784729	178	60	20	1.5
FB863226	178	60	20	1.5
FB865626	330	100	21	2

RECOMMENDED PATTERN

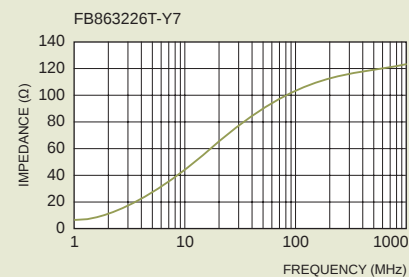
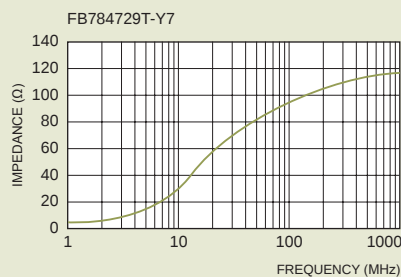
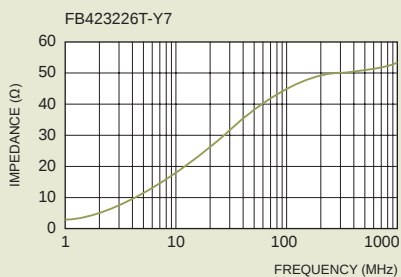
Dimensions : mm



TYPE	V	W	X	Y	Z	FIGURE
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		7.5	1.8	3.0	2.54	1

TYPICAL ELECTRICAL CHARACTERISTICS

Test Instruments : HP4291A Impedance/Material Analyzer





FB SERIES RELIABILITY TEST

I-1 MECHANICAL PERFORMANCE

NO.	ITEM	SPECIFICATION	TEST CONDITIONS
I-1-1	Vibration	Appearance : No Damage Z Change : within $\pm 20\%$ RDC : within Specification	Test device shall be soldered on the substrate. Oscillation Frequency : 10 to 55 to 10Hz for 1Min. Amplitude : 1.5mm Time : 2Hrs. for each Axis (X,Y & Z), Total 6Hrs.

I-2 ENVIRONMENTAL PERFORMANCE

NO.	ITEM	SPECIFICATION	TEST CONDITIONS		
I-2-1	Temperature Cycle	Appearance : No Damage Z Change : within ±20% RDC : within Specification	One Cycle		
			Step	Temperature (°C)	Time (Min.)
			1	-55 ± 3	30
			2	25 ± 2	3
			3	125 ± 3	30
			4	25 ± 2	3
			Total : 100 Cycles		
			Measured after Exposure in the Room Condition for 24Hrs.		
I-2-2	Humidity Resistance		Temperature : 40 ± 2°C		
			Relative Humidity : 90 ~ 95%		
			Time : 1000Hrs.		
			Measured after Exposure in the Room Condition for 24Hrs.		
I-2-3	High Temperature Resistance		Temperature : 125 ± 3°C		
			Relative Humidity : 0%		
			Time : 1000Hrs.		
			Measured after Exposure in the Room Condition for 24Hrs.		
I-2-4	Low Temperature Resistance		Temperature : -55 ± 3°C		
			Relative Humidity : 0%		
			Time : 1000Hrs.		
			Measured after Exposure in the Room Condition for 24Hrs.		