Panasonic

Radial Lead Type

Series: **FR** Type: **A**

■ Features

Low ESR (Same as FM Series)

• Endurance : 2000 h to 10000 h at +105 °C

RoHS directive compliant





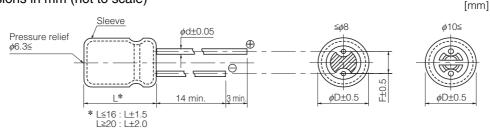
■ Specifications

Category Temp. Range		−40 °C to +105 °C										
Rated W.V. Range				6.3 V.	DC to 5	50 V.DC	;					
Nominal Cap. Range		22 μF to 8200 μF ±20 % (120 Hz/+20 °C)										
Capacitance Tolerance			:	±20 %	(120 Hz	z/+20 °	C)					
DC Leakage Current		I ≤ 0.01 CV (μA) After 2 minutes										
	W.V.	6.3	10	16	25	35	50	(120 117/: 20 %C)				
tan δ	tan δ	0.22	0.19	0.16	0.14	0.12	0.10	(120 Hz/+20 °C)				
	Add 0.02 per 1000 µF for products of 1000 µF or more.											
Endurance		voltag the cap : 2000 000 hou	e shall acitors hours, \$\phi\$ urs, \$\phi 8>	not exc shall m \$\phi 8\times 11.5 \$\phi 20 : 90	beed the neet the $5/ \phi 10 \times 100$	e rated limits s :12.5 : 6 urs	working pecifie	ours				
	Capacitance change ±25 % of initial measured value (6.3 V to 10 V : ±30 %)											
	tan δ \leq 200 % of initial specified value											
DC leakage current ≤ initial specified value												
Shelf Life	After storage for 1000 at +20 °C, capacitors	hours shall m	at +105 neet the	°C±2	°C with	no volted in Er	tage ap	pplied and then being stabilized be. (With voltage treatment)				

■ Frequency correction factor for ripple current

W.V.(V.DC) 6.3 to 50		on (ul	Ξ\	Frequency (Hz)							
۷۷.۷.(۷.DC)		ap (µl	-)	60	120	1 k	10 k	100 k			
	22	to	33	0.45	0.55	0.75	0.90	1.00			
6.3 to 50	47	to	330	0.60	0.70	0.85	0.95	1.00			
0.3 10 30	390	to	1000	0.65	0.75	0.90	0.98	1.00			
	1200	to	8200	0.75	0.80	0.95	1.00	1.00			

■ Dimensions in mm (not to scale)



(mm)

Body Dia. <i>φ</i> D	5	6.3	8	10	12	2.5	16
Body Length L	_	_	_	_	12.5 to 25	30 to 35	_
Lead Dia. <i>φ</i> d	0.5	0.5	0.6	0.6	0.6	0.8	0.8
Lead space F	2.0	2.5	3.5	5.0	5	.0	7.5

Panasonic

Aluminum Electrolytic Capacitors/ FR

■ Case size/Impedance/Ripple current

W.V.(V.DC)		6.3 V to 35	V		50 V	
		dance) kHz)	Ripple Current (mA r.m.s./100 kHz)		dance) kHz)	Ripple Current (mA r.m.s./100 kHz)
(φ = γ = γ	+20 °C	−10 °C	+105 °C	+20 °C	−10 °C	+105 °C
5 × 11	0.300	1.000	280	0.340	1.130	250
6.3 × 11.2	0.130	0.430	455	0.140	0.460	405
8 × 11.5	0.056	0.168	950	0.061	0.183	870
8 × 15	0.041	0.123	1240	0.045	0.135	1140
8 × 20	0.030	0.090	1560	0.033	0.099	1430
10 × 12.5	0.043	0.114	1290	0.042	0.126	1170
10 × 16	0.028	0.078	1790	0.030	0.090	1650
10 × 20	0.020	0.057	2180	0.023	0.069	1890
10 × 25	0.018	0.054	2470	0.022	0.066	2150
12.5 × 20	0.018	0.045	2600	0.022	0.055	2260
12.5 × 25	0.015	0.038	3190	0.018	0.045	2660
12.5 × 30	0.013	0.033	3630	0.016	0.040	3160
12.5 × 35	0.012	0.030	3750	0.014	0.035	3270
16 × 20	0.017	0.043	3300	0.019	0.048	2870
16 × 25	0.014	0.035	3820	0.016	0.040	3320



■ Standard Products

(V) (µF) (mm) (mm) (mArms) (Q) (hours) (mm) (mm) (mm) (mm) (pcs) 150 5 11 280 0.300 2000 0.5 2.0 5.0 EEUFROJ31() 200 820 8 11.5 950 0.056 6000 0.6 3.5 5.0 EEUFROJ32() 200 1200 10 12.5 1290 0.043 6000 0.6 3.5 5.0 EEUFROJ32() 200 1500 8 20 1560 0.030 9000 0.6 3.5 5.0 EEUFROJ32() 200 1500 8 20 1560 0.030 9000 0.6 3.5 5.0 EEUFROJ32() 200 1500 8 20 1560 0.030 9000 0.6 3.5 5.0 EEUFROJ32() 200 1500 8 20 1560 0.030 9000 0.6 5.0 5.0 EEUFROJ32() 200 1500 8 20 1560 0.030 9000 0.6 5.0 5.0 EEUFROJ32() 200 1500 8 20 1560 0.030 9000 0.6 5.0 5.0 EEUFROJ32() 200 1500 8 20 1560 0.030 9000 0.6 5.0 5.0 EEUFROJ32() 200 1500 8 20 2180 0.020 10000 0.6 5.0 5.0 EEUFROJ32() 200 1500 8 20 2180 0.020 10000 0.6 5.0 5.0 EEUFROJ32() 200 2700 10 25 2470 0.018 10000 0.6 5.0 5.0 EEUFROJ32() 200 4700 12.5 25 3190 0.015 10000 0.6 5.0 5.0 EEUFROJ32() 200 4700 12.5 25 3190 0.015 10000 0.6 5.0 5.0 EEUFROJ32() 200 6800 12.5 30 3630 0.013 10000 0.8 5.0 EEUFROJ32() 100 8200 16 25 3820 0.014 10000 0.8 5.0 EEUFROJ32() 100 8200 16 25 3820 0.014 10000 0.8 7.5 7.5 EEUFROJ32() 100 1500 5 11 280 0.300 2000 0.5 2.0 5.0 EEUFRIJA() 200 1500 8 12 455 0.130 2000 0.5 2.0 5.0 EEUFRIJA() 200 1500 8 12 455 0.130 2000 0.5 2.0 5.0 EEUFRIJA() 200 1500 8 20 1560 0.030 9000 0.6 3.5 5.0 EEUFRIJA() 200 1500 8 20 1560 0.030 9000 0.6 5.0 5.0 EEUFRIJA() 200 1500 8 20 1560 0.030 9000 0.6 5.0 5.0 EEUFRIJA() 200 1500 8 20 1560 0.030 9000 0.6 5.0 5.0 EEUFRIJA() 200 1500 8 20 1560 0.030			Case	size	Sp	ecificati	on	Le	ead Leng	gth		Min. Pack	aging Q'ty
Current Curr	A / \ /	Cap.					Endur-		Lead	Space		Straight Leads (pcs) (pc	
150 5	6.3		Dia.	Length	(100 kHz)	(100 kHz)	ance	Dia.	Straight		Part No.		Taping
330 6.3 11.2 455 0.130 2000 0.5 2.5 5.0 EEUFROJ331() 200 8	(V)	(µF)	` '	` '	(mA r.m.s.)		(hours)	(mm)	(mm)	, ,		(pcs)	(pcs)
Record R		150					2000				EEUFR0J151()		2000
1200													2000
1800 10		820											1000
6.3 1500 8 20 1560 0.030 0.000 0.6 3.5 5.0 EEUFROJIS2() 200 1800 10 16 1790 0.028 8000 0.6 3.5 5.0 EEUFROJIS2() 200 2700 10 20 2180 0.020 10000 0.6 5.0 5.0 5.0 EEUFROJIS2() 200 2700 10 25 2470 0.018 10000 0.6 5.0 5.0 5.0 EEUFROJIS2() 200 3900 12.5 20 2600 0.018 10000 0.6 5.0 5.0 EEUFROJIS2() 200 4700 12.5 25 3190 0.015 10000 0.6 5.0 5.0 EEUFROJIS2() 200 4700 12.5 30 3630 0.013 10000 0.8 5.0 EEUFROJIS2() 200 6800 12.5 35 3750 0.012 10000 0.8 5.0 EEUFROJIS2() 100 8200 16 25 3820 0.014 10000 0.8 7.5 7.5 EEUFROJIS2() 100 150 5 11 280 0.300 2000 0.5 2.0 5.0 EEUFRIJIS() 200 150 5 11 280 0.300 2000 0.5 2.0 5.0 EEUFRIJIS() 200 150 5 11 280 0.300 2000 0.5 2.0 5.0 EEUFRIJIS() 200 680 8 11.5 950 0.056 6000 0.6 3.5 5.0 EEUFRIJIS() 200 680 8 11.5 950 0.056 6000 0.6 3.5 5.0 EEUFRIJIS() 200 680 8 15 1240 0.041 8000 0.6 5.0 5.0 EEUFRIJIS() 200 220 6.3 12.2 475 0.034 6000 0.6 5.0 5.0 EEUFRIJIS() 200 220 10 16 1790 0.028 8000 0.6 5.0 5.0 EEUFRIJIS() 200 220 10 16 1790 0.028 8000 0.6 5.0 5.0 EEUFRIJIS() 200 220 10 16 1790 0.028 8000 0.6 5.0 5.0 EEUFRIJIS() 200 220 10 16 1790 0.028 8000 0.6 5.0 5.0 EEUFRIJIS() 200 220 10 16 1790 0.028 8000 0.6 5.0 5.0 EEUFRIJIS() 200 220 10 12.5 1240 0.041 8000 0.6 5.0 5.0 EEUFRIJIS() 200 220 10 12.5 2470 0.018 10000 0.6 5.0 5.0 EEUFRIJIS() 200 220 2180 0.020 10000 0.6 5.0 5.0 EEUFRIJIS() 200 220 2180 0.020 0.050 2.0 5.0 EEUFRIJIS() 200 220 230 330 330 0.013 10000 0.6 5.0 5.0 EEUFRIJIS() 200 200 200 2.5 3.5 3.5 200 200 2.5 3.5		1200									\ /		1000
1800 10			Dia. Length Current Courent Courent			500							
6.3 2200 10 20 2180 0.020 10000 0.6 5.0 5.0 EEUFROJZ22() 200 2700 10 25 2470 0.018 10000 0.6 5.0 5.0 EEUFROJZ22() 200 4700 12.5 20 2600 0.018 10000 0.6 5.0 5.0 EEUFROJZ22() 200 4700 12.5 25 3190 0.015 10000 0.6 5.0 5.0 EEUFROJZ22() 200 200 25.5 350 3630 0.013 10000 0.8 5.0 EEUFROJG22L 100 25 25 359 0.012 10000 0.8 5.0 EEUFROJG22L 100 25 25 359 0.012 10000 0.8 5.0 EEUFROJG62L 100 25 25 350 0.013 10000 0.8 5.0 EEUFROJG62L 100 25 25 3820 0.014 10000 0.8 7.5 7.5 EEUFROJG62L 100 25 200 200 2.5 2.0 5.0 EEUFROJG62L 200 200 200 2.5 2.0 5.0 EEUFROJG62L 200 200 200 200 2.5 2.0 5.0 EEUFROJG62L 200 200 200 2.5 2.0 5.0 EEUFROJG62L 200 200 200 200 2.5 2.0 5.0 EEUFROJG62L 200 200 200 200 200 2.5 2.0 5.0 EEUFROJG62L 200 20											` '	Straight Leads (pcs) 200 200 200 200 200 200 200 200 200 20	1000
2700	. .										. ,		500
3900	6.3	-				Imped-ance (100 kHz) (20 °C) (20) (hours) (mm) (500					
4700													500 500
Secon													500
Read 12.5 35 3750 0.012 10000 0.8 5.0 EEUFRJ682L 100										3.0			300
16													
8200 16 25 3820 0.014 10000 0.8 7.5 7.5 EEUFROJ822() 100		6800								7.5			250
100 5		8200											250
150 5													2000
680 8											` '		2000
820	6.3	220	6.3	11.2	455	0.130	2000	0.5	2.5	5.0	EEUFR1A221()	200	2000
1000				11.5	950	0.056	6000	0.6	3.5		EEUFR1A681()	200	1000
1500						0.043	6000						500
1500		1000											1000
10		1500											1000
2200 10 25 2470 0.018 10000 0.6 5.0 5.0 EEUFR1A222L() 200													500
3300											` ,		500
3900													500
12.5 30 3630 0.013 10000 0.8 5.0 EEUFR1A472L 100											` ,		500
16 20 3300 0.017 10000 0.8 7.5 7.5 EEUFR1A472S() 100 100 12.5 35 3750 0.012 10000 0.8 5.0 EEUFR1A562L 100 12.5 35 3750 0.012 10000 0.8 5.0 EEUFR1A682L 100 16 25 3820 0.014 10000 0.8 7.5 7.5 EEUFR1A682L 100 16 25 3820 0.014 10000 0.8 7.5 7.5 EEUFR1A682() 100 100 5 11 280 0.300 2000 0.5 2.0 5.0 EEUFR1C680() 200 100 5 11 280 0.300 2000 0.5 2.0 5.0 EEUFR1C101() 200 120 6.3 11.2 455 0.130 2000 0.5 2.5 5.0 EEUFR1C121() 200 220 6.3 11.2 455 0.130 2000 0.5 2.5 5.0 EEUFR1C221() 200 470 8 11.5 950 0.056 6000 0.6 3.5 5.0 EEUFR1C471() 200 470 8 15 1240 0.041 8000 0.6 3.5 5.0 EEUFR1C681L() 200 100 12.5 1290 0.043 6000 0.6 5.0 5.0 EEUFR1C681() 200 100 16 1790 0.028 8000 0.6 5.0 5.0 EEUFR1C102() 200 100 10 25 2470 0.018 10000 0.6 5.0 5.0 EEUFR1C152() 200 1800 10 25 2470 0.018 10000 0.6 5.0 5.0 EEUFR1C152L() 200 1800 10 25 2470 0.018 10000 0.6 5.0 5.0 EEUFR1C152L() 200 1800 10 25 2470 0.018 10000 0.6 5.0 5.0 EEUFR1C152L() 200 1800 10 25 2470 0.018 10000 0.6 5.0 5.0 EEUFR1C152L() 200 1800 10 25 2470 0.018 10000 0.6 5.0 5.0 EEUFR1C152L() 200 1800 10 25 2470 0.018 10000 0.6 5.0 5.0 EEUFR1C152L() 200 1800 10 25 2470 0.018 10000 0.6 5.0 5.0 EEUFR1C152L() 200 1800 10 25 2470 0.018 10000 0.6 5.0 5.0 EEUFR1C152L() 200 1800 10 25 2470 0.018 10000 0.6 5.0 5.0 EEUFR1C152L() 200 1800 10 25 2470 0.018 10000 0.6 5.0 5.0 EEUFR1C152L() 200 1800 10 25 2470 0.018 10000 0.6 5.0 5.0 EEUFR1C152L() 200 1800 10 25 2470 0.018 10000 0.6 5.0 5.0 EEUFR1C152L() 200 1800 10 25 2470 0.018 10000 0.		3900								5.0			500
5600 12.5 35 3750 0.012 10000 0.8 5.0 EEUFR1A562L 100 6800 12.5 35 3750 0.012 10000 0.8 5.0 EEUFR1A682L 100 68 5 11 280 0.300 2000 0.5 2.0 5.0 EEUFR1C680() 200 100 5 11 280 0.300 2000 0.5 2.0 5.0 EEUFR1C680() 200 120 6.3 11.2 455 0.130 2000 0.5 2.5 5.0 EEUFR1C101() 200 220 6.3 11.2 455 0.130 2000 0.5 2.5 5.0 EEUFR1C11() 200 470 8 11.5 950 0.056 6000 0.6 3.5 5.0 EEUFR1C471() 200 680 8 15 1240 0.041 8000 0.6 5.0 5.0 EEUFR1C681() 200 <		4700								7.5			250
12.5 35 3750 0.012 10000 0.8 5.0 EEUFR1A682L 100		5600								7.5			230
16												Leads Inaperent label (pcs) (po 200 200 200 100 200 100 200 50 200 50 200 50 200 50 200 50 200 20 200 20 200 20 200 20 200 20 200 20 200 20 200 20 200 10 200 5 200 10 200 5 200 5 200 5 200 5 200 5 200 5 200 20 200 20 200 20 200 20 200 20 200 20 200 5	
68 5 11 280 0.300 2000 0.5 2.0 5.0 EEUFR1C680() 200 100 5 11 280 0.300 2000 0.5 2.0 5.0 EEUFR1C101() 200 120 6.3 11.2 455 0.130 2000 0.5 2.5 5.0 EEUFR1C121() 200 220 6.3 11.2 455 0.130 2000 0.5 2.5 5.0 EEUFR1C221() 200 470 8 11.5 950 0.056 6000 0.6 3.5 5.0 EEUFR1C471() 200 8 15 1240 0.041 8000 0.6 3.5 5.0 EEUFR1C681L() 200 10 12.5 1290 0.043 6000 0.6 5.0 5.0 EEUFR1C681L() 200 10 12.5 1290 0.030 9000 0.6 3.5 5.0 EEUFR1C681() 200 10 16 1790 0.028 8000 0.6 5.0 5.0 EEUFR1C102L() 200 10 10 20 2180 0.020 10000 0.6 5.0 5.0 EEUFR1C152() 200 10 10 25 2470 0.018 10000 0.6 5.0 5.0 EEUFR1C152L() 200 1800 10 25 2470 0.018 10000 0.6 5.0 5.0 EEUFR1C152L() 200 1800 10 25 2470 0.018 10000 0.6 5.0 5.0 EEUFR1C152L() 200 1800 10 25 2470 0.018 10000 0.6 5.0 5.0 EEUFR1C182L() 200		6800								7.5			250
100 5 11 280 0.300 2000 0.5 2.0 5.0 EEUFR1C101() 200 120 6.3 11.2 455 0.130 2000 0.5 2.5 5.0 EEUFR1C221() 200 220 6.3 11.2 455 0.130 2000 0.5 2.5 5.0 EEUFR1C221() 200 470 8 11.5 950 0.056 6000 0.6 3.5 5.0 EEUFR1C471() 200 8 15 1240 0.041 8000 0.6 3.5 5.0 EEUFR1C681L() 200 10 12.5 1290 0.043 6000 0.6 5.0 5.0 EEUFR1C681L() 200 10 12.5 1290 0.030 9000 0.6 3.5 5.0 EEUFR1C681() 200 10 16 1790 0.028 8000 0.6 5.0 5.0 EEUFR1C102L() 200 10 10 10 20 2180 0.020 10000 0.6 5.0 5.0 EEUFR1C102() 200 10 10 25 2470 0.018 10000 0.6 5.0 5.0 EEUFR1C152L() 200 1800 10 25 2470 0.018 10000 0.6 5.0 5.0 EEUFR1C152L() 200 1800 10 25 2470 0.018 10000 0.6 5.0 5.0 EEUFR1C182L() 200		68									. ,		2000
120 6.3 11.2 455 0.130 2000 0.5 2.5 5.0 EEUFR1C121() 200													2000
470 8 11.5 950 0.056 6000 0.6 3.5 5.0 EEUFR1C471() 200 8													2000
680 8 15 1240 0.041 8000 0.6 3.5 5.0 EEUFR1C681L() 200 10 12.5 1290 0.043 6000 0.6 5.0 5.0 EEUFR1C681() 200 1000 8 20 1560 0.030 9000 0.6 3.5 5.0 EEUFR1C102L() 200 10 16 1790 0.028 8000 0.6 5.0 5.0 EEUFR1C102() 200 1500 10 20 2180 0.020 10000 0.6 5.0 5.0 EEUFR1C152() 200 1800 10 25 2470 0.018 10000 0.6 5.0 5.0 EEUFR1C152L() 200 1800 10 25 2470 0.018 10000 0.6 5.0 5.0 EEUFR1C182L() 200		220	6.3	11.2	455	0.130	2000	0.5	2.5	5.0	EEUFR1C221()	200	2000
16 10 12.5 1290 0.043 6000 0.6 5.0 5.0 EEUFR1C681() 200 1000 8 20 1560 0.030 9000 0.6 3.5 5.0 EEUFR1C102L() 200 10 16 1790 0.028 8000 0.6 5.0 5.0 EEUFR1C102() 200 1500 10 20 2180 0.020 10000 0.6 5.0 5.0 EEUFR1C152() 200 1500 10 25 2470 0.018 10000 0.6 5.0 5.0 EEUFR1C152L() 200 1800 10 25 2470 0.018 10000 0.6 5.0 5.0 EEUFR1C182L() 200 16 17 18 18 18 18 18 18 18	10	470	8	11.5	950	0.056	6000	0.6	3.5	5.0	EEUFR1C471()	200	1000
10		680									EEUFR1C681L()		1000
16 1000 10 16 1790 0.028 8000 0.6 5.0 5.0 EEUFR1C102() 200 1500 10000 10000 0.6 5.0 5.0 EEUFR1C152() 200 10000 10000 10000 0.6 5.0 5.0 EEUFR1C152() 200 1800 10 25 2470 0.018 10000 0.6 5.0 5.0 EEUFR1C182L() 200 1800 10 25 2470 0.018 10000 0.6 5.0 5.0 EEUFR1C182L() 200 100000 100000 10000 10000 10000 100000 10000 10000 10000 100000 100000 1		000											500
16 10 16 1790 0.028 8000 0.6 5.0 5.0 EEUFRIC102() 200 1500 10 25 2470 0.018 10000 0.6 5.0 5.0 EEUFRIC152L() 200 1800 10 25 2470 0.018 10000 0.6 5.0 5.0 EEUFRIC152L() 200 1800 10 25 2470 0.018 10000 0.6 5.0 5.0 EEUFRIC182L() 200		1000											1000
16 1500 10 25 2470 0.018 10000 0.6 5.0 5.0 EEUFR1C152L() 200 1800 10 25 2470 0.018 10000 0.6 5.0 5.0 EEUFR1C182L() 200		1000		-									500
1800 10 25 2470 0.018 10000 0.6 5.0 5.0 EEUFRIC152L() 200		1500									. ,		500
	16												500
	16												500
		2200											500
12.5 30 3630 0.013 10000 0.8 5.0 FELIERIC3331 100										3.0			500
	6.3	3300								75			250
12.5 35 3750 0.012 10000 0.8 5.0 FELIERIC392L 100										7.0	. ,		200
		3900								7.5			250
12.5 35 3750 0.012 10000 0.8 5.0 FELIEBIC472L 100		4700											
		4/00								7.5			250
		5600											250

When requesting taped product, please put the letter "B" between the "()". Lead wire pitch B=5 mm, 7.5 mm. The taping dimensions are explained on p.178 of our Catalog. Please use it as a reference guide.

Panasonic

■ Standard Products

		Case	size	Sp	ecificati	on	Le	ead Leng	jth		Min. Pack	aging Q'ty
W.V.	Cap.	5.		Ripple Current	Imped- ance	Endur- ance	Lead Dia	Lead	·	5	Straight	
	(±20 %)	Dia.	Length	(100 kHz)	rent kHzl (100 kHz) ance kHzl (100 kHz) Dia. Straight staget Taping staget (π, κ) (Ω) (hours) (mm) (mm) (mm) (mm) (800 0.300 2000 0.5 2.0 5.0 5.0 5.0 5.0 (800 0.300 2000 0.5 2.0 5.0 5.0 5.0 5.0 (855 0.130 2000 0.5 2.5 5.0 5.0 5.0 5.0 5.0 (840 0.041 8000 0.6 3.5 5.0 5.0 5.0 5.0 5.0 (840 0.041 8000 0.6 3.5 5.0 5.0 5.0 5.0 5.0 (840 0.043 6000 0.6 3.5 5.0 5.0 5.0 5.0 5.0 (80 0.030 9000 0.6 3.5 5.0 5.0 5.0 5.0 5.0 (80 0.030 9000 0.6 3.5 5.0 5.0 5.0 5.0 5.0 (80 0.020 10000 0.6 5.0 5.0 5.0 5.0 5.0 5.0 (80 0.021 10000 0.6 5.0 5.0 5.0 5.0 5.0 5.0 (80 0.021 10000 0.6 5.0 5.0 5.0	Part No.	Leads	Taping				
(V)	(µF)	(mm)	(mm)	(mA r.m.s.)		(hours)	(mm)	` ,			(pcs)	(pcs)
	47											2000
												2000
												2000
												2000
												1000
	390											1000
	470											1000
	''											500
	560											1000
		8	Ripple mped current ance current straight Taping xB straight Taping Taping	200	1000							
25	680	10	16	1790	0.028	8000	0.6	5.0		EEUFR1E681()	200	500
	820	10									200	500
	1000											500
												500
												500
		Dia. Length Ripple Imped Endurative Dia. Straight Taping #8		500								
									5.0			500
	2200								75			250
									7.0			200
	2700								7.5			250
	3300											250
	33										200	2000
35	68			455		2000					200	2000
	180											1000
	270											1000
												500
	390											1000
	470											500
	560											500
35											Part No. Straigh Leads EUFR1E470() 200 EUFR1E680() 200 EUFR1E101() 200 EUFR1E151() 200 EUFR1E331() 200 EUFR1E391L() 200 EUFR1E471Y() 200 EUFR1E471Y() 200 EUFR1E471L() 200 EUFR1E471L() 200 EUFR1E681L() 200 EUFR1E681L() 200 EUFR1E681L() 200 EUFR1E681L() 200 EUFR1E681L() 200 EUFR1E681L() 200 EUFR1E102L() 200 EUFR1E102L() 200 EUFR1E102L() 200 EUFR1E122L() 200 EUFR1E122L() 200 EUFR1E32() 200 EUFR1E32() 200 EUFR1E32() 200 EUFR1E222L 100 EUFR1E222L 100 EUFR1E272L 100 EUFR1E332() 100 EUFR1E332() 100 EUFR1E332() 200 EUFR1V330() 200 EUFR1V330() 200 EUFR1V391L() 200 EUFR1V471L() 200 EUFR1V471L() 200 EUFR1V561() 200 EUFR1V561() 200 EUFR1V681L() 200 EUFR1V681L() 200 EUFR1V681L() 200 EUFR1V681L() 200 EUFR1V681L() 200 EUFR1V681L() 200 EUFR1V152L 100 EUFR1V15	500
	680											500
	820	10	25	2470	0.018	10000	0.6	5.0	5.0	EEUFR1V821L()	200	500
	1000											500
	1200								5.0			500
25							7.5			050		
	1000								7.5			250
	2200								7.5			250
	22											2000
												2000
												1000
												1000
												500
												1000
25 35												500 500
												500
												500
												500
								-				1
			35	3270				5.0			100	
												250
50	1000	16	25	3320	0.016	10000	0.8	7.5	7.5	EEUFR1H102()	100	250

When requesting taped product, please put the letter "B" between the "()". Lead wire pitch B=5 mm, 7.5 mm. The taping dimensions are explained on p.178 of our Catalog. Please use it as a reference guide.