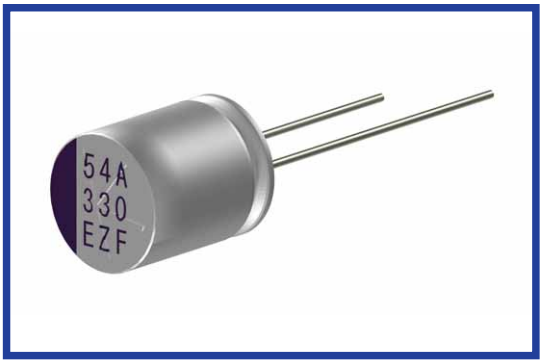
PZF SERIES

Load Life : 125℃ 4000 hours (Hybrid Type), Radial Lead Type

- High Voltage(~63Vdc), Ultra Low ESR, High Ripple Current, Miniaturized.
- AEC-Q200.

RoHS compliance



◆SPECIFICATIONS

Items	Characteristics
Category Temperature Range	−55~+125℃
Rated Voltage Range	25~63Vdc
Capacitance Tolerance	±20%(20℃,120Hz)
Leakage Current(MAX)	The value is shown in "STANDARD SIZE" table (After 2 minutes)
Dissipation Factor(MAX) (tanδ)	The value is shown in "STANDARD SIZE" table (20℃, 120Hz)
Endurance	After applying rated voltage with rated ripple current for 4000 hours at 125℃, the capacitors shall meet the following requirements.
Biased Humidity	After applying rated voltage for 2000 hours at 85℃ and humidity of 85%, the capacitors shall meet the following requirements.
Low Temperature Characteristics Impedance Ratio(MAX)	Z(−55℃)/Z(+20℃)≦2.0 (100kHz) Z(−25℃)/Z(+20℃)≦1.5

Endurance

Capacitance Change	Within ±30% of the initial value.
Dissipation Factor	Not more than 200% of the initial specified value.
E.S.R.	Not more than 200% of the initial specified value.
Leakage Current	Not more than the initial specified value.

Biased Humidity

Capacitance Change	Within ±30% of the initial value.
Dissipation Factor	Not more than 200% of the initial specified value.
E.S.R.	Not more than 200% of the initial specified value.
Leakage Current	Not more than the initial specified value.

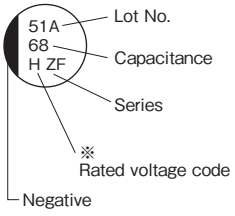
◆PART NUMBER

□□□	PZF	□□□□□	M	□□□	□□	D×L
Rated Voltage	Series	Capacitance	Capacitance Tolerance	Option	Lead Forming	Case Size

◆MULTIPLIER FOR RIPPLE CURRENT

Frequency(Hz)	120	1k	10k	100k≦
Coefficient	0.05	0.30	0.70	1.00

◆MARKING

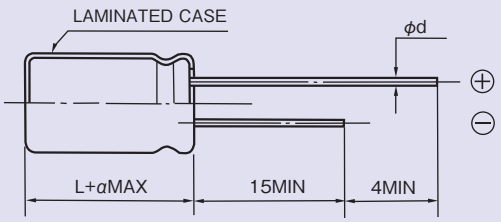


※Voltage code

Rated Voltage (Vdc)	25	35	50	63
Voltage code	E	V	H	J

◆DIMENSIONS

(mm)



φD	8	10
L	9	9
F	3.5	5.0
φd	0.6	
α	2.0	

◆STANDARD SIZE

Rated Voltage (Vdc)	Capacitance (μF)	Size φD×L (mm)	(tanδ) (120Hz, 20℃)	Leakage Current (μA/2min)	E.S.R.(mΩ,max)		Rated Ripple Current (mA r.m.s./125℃, 100kHz)
					20℃, 100kHz	−40℃, 10kHz	
25	220	8×9	0.14	55.0	27	41	1600
	330	10×9	0.14	82.5	20	30	2000
35	150	8×9	0.12	52.5	27	41	1600
	270	10×9	0.12	94.5	20	30	2000
50	68	8×9	0.10	34.0	30	45	1250
	100	10×9	0.10	50.0	28	42	1600
63	33	8×9	0.08	20.8	40	60	1100
	56	10×9	0.08	35.3	30	45	1400

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Rubycon:

16TZV470M8X10.5 6.3ZLH820M8X11.5 16YXF4700M16X31.5 35YXF2200MEFCGC16X31.5
6.3ZL1000MEFC10X12.5 63ZLJ390M12.5X20 100ZLH220MEFC12.5X25 25YXM100MEFC6.3X11
450BXW47MEFR16X25 100YXF3.3M5X11 16YXF220M8X11.5 25TZV470M10X10.5 35ZLG150MEFC8X11.5
420BXW68MEFR12.5X45 400BXC4R7MEFC10X16 420BXW100MEFR14.5X45 50ZLJ220M10X16
35YXF2200M16X31.5 420BXW33MEFR12.5X25 420BXW56MEFR12.5X35 50TZV220M10X10.5
50YXJ220M10X16 10ZLJ560M8X11.5 25ZLJ390M8X16 35PK1000MEFC10X20 35ZLK330M10X16
450BXW120MEFR18X40 50ZLJ470M12.5X20 25PX680MEFC10X12.5 63ZLH390MEFCG412.5X20