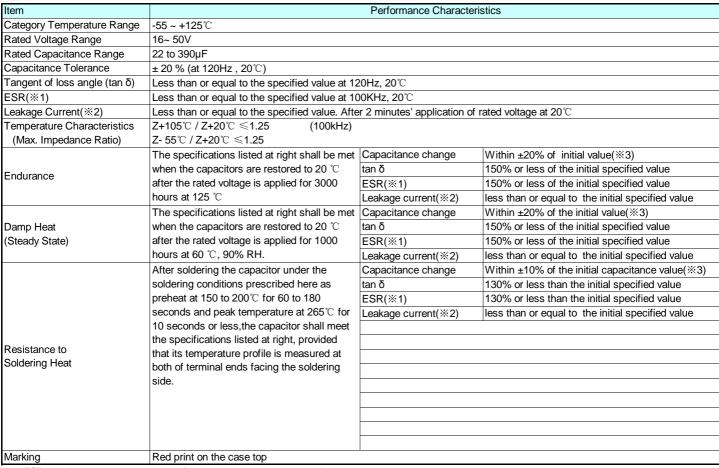
## PR Radial Lead Type,Long Life Assurance Series

- High reliability, High voltage(to 50V).
- Low ESR, High ripple current.
- Long life of 3000 hours at 125°C.
- Radial lead type: lead free flow soldering condition correspondence.
- RoHS Compliance(2011/65/EU)

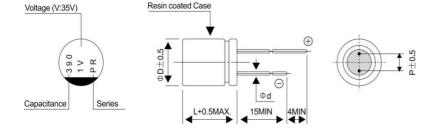
### **■**SPECIFICATIONS



X1 ESR should be measured at both of the terminal ends closest to the capacitor body.

※3 Initial value: The value before test of examination of resistance to soldering.

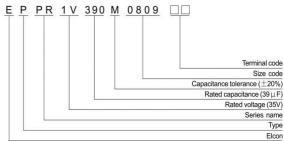
#### Dimensions



#### ΦxL(mm)

			` ,
Size	8x9	8x12	10x13
ΦD	8.0	8.0	10.0
L	8.5	11.5	12.5
Р	3.5	3.5	5.0
Фd	0.6	0.6	0.6

## Type numbering system(Exp: 35V 39μF)



Voltage

V	16	20	25	35	50
Code	1C	1D	1E	1V	1H

<sup>※2</sup> Conditioning: If any doubt arises, measure the leakage current after the voltage treatment of applying DC rated voltage continuously to the capacitor for 120 minuters at 105 ℃

# PR <sub>Series</sub>

## ■STANDARD RATINGS

Rated voltage	Surge Voltage	Rated Cpacitance (µF)  Case Size ΦD x L(mm)	tan δ	Leakage Current	ESR(mΩ) (at 100kHz	Rated Ripple (mArms)		Part Number	
(V)(code)	(V)		ΦD x L(mm)		(μΑ)	` 20℃)	≤105°C(*3)	105℃≤125℃(*3)	
16	18.4	150	8x9	0.12	480	26	2100	810	EPPR1C151M0809
(1C)		220	8x12	0.12	704	25	2400	930	EPPR1C221M0812
(10)		390	10x13	0.12	1248	23	2900	1130	EPPR1C391M1013
20	20 (D) 23	120	8x9	0.12	480	27	2000	800	EPPR1D121M0809
_		150	8x12	0.12	600	26	2300	910	EPPR1D151M0812
(10)		270	10x13	0.12	1080	24	2800	1110	EPPR1D271M1013
25	28.7	82	8x9	0.12	410	28	2000	780	EPPR1E820M0809
(1E)		120	8x12	0.12	600	27	2300	890	EPPR1E121M0812
(12)		180	10x13	0.12	900	25	2800	1080	EPPR1E181M1013
25	35 1V) 40.2	39	8x9	0.12	273	33	1800	720	EPPR1V390M0809
		56	8x12	0.12	392	31	2100	830	EPPR1V560M0812
(10)		100	10x13	0.12	700	28	2700	1040	EPPR1V101M1013
50	57.5	22	8x9	0.12	220	35	1800	700	EPPR1H220M0809
(1H)		27	8x12	0.12	270	33	2000	810	EPPR1H270M0812
		47	10x13	0.12	470	29	2600	1020	EPPR1H470M1013