## **ELCON**

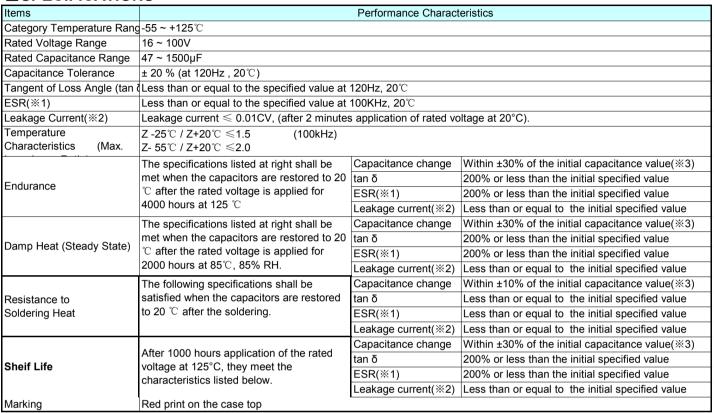
# **HPR**

# 125℃ HighTemperature

### Series (Hybrid)

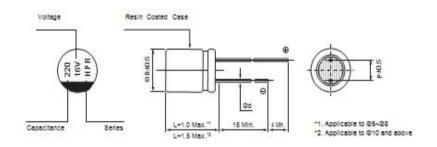
- 125°C HighTemperature
- Load life of 4000 hours at 125°C.
- Radial lead type: lead free flow soldering condition correspondence.
- RoHS Compliance(2011/65/EU)

#### **■**SPECIFICATIONS

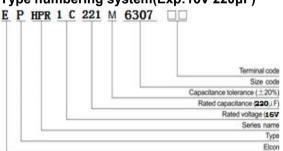


- X1 ESR should be measured at both of the terminal ends closest to the capacitor body.
- lpha2 Conditioning: If any doubt arises, measure the leakage current after the voltage treatment of applying DC rated voltage continuously to the capacitor for 120 minuters at 125  $^{\circ}$ C
- \*3 Initial value: The value before test of examination of resistance to soldering.

#### ■ Dimensions



#### Type numbering system(Exp:16V 220µF)



ΦxL(mm)

Size	6.3x7	6.3x11.5	8x12	10x12
ΦD	6.3	6.3	8	10.0
L	7	12	12	12
Р	2.5	2.5	3.5	5.0
Фф	0.5	0.6	0.6	0.6

#### Voltage

V	16	25	35	50	63	80	100
Code	1C	1E	1V	1H	1J	1K	2A

#### ■ FREQUENCY COEFFICIENT OF ALLOWABLE RIPPLE CURRENT

Frequency	120Hz≶f≶1KHz	1KHz≶f≶10KHz	10KHz≶f≶100KHz	100KHz≶f≶300KHz
Coefficient	0.10	0.40	0.70	1.00

# **ELCON**

# HPR <sub>Series</sub> (Hybrid)

# ■STANDARD RATINGS

Rated voltage (V)(code)	Surge Voltage (V)	Rated Cpacitance (µF)	Case Size ФD x L(mm)	tan δ	Leakage Current (µA)	ESR(mΩ) (at 100kHz 20 °C)	Rated Ripple (mArms)	Part Number
		220	6.3x7	0.16	35.2	27	1450	EPHPR1C221M6307
16	18.4	330	6.3x11.5	0.16	52.8	25	1600	EPHPR1C331M6311
(1C)	10.4	820	8x12	0.16	131.2	20	1850	EPHPR1C821M0812
		1500	10x12	0.16	240	14	3000	EPHPR1C152M1012
		100	6.3x7	0.14	25	30	1400	EPHPR1E101M6307
25		150	6.3x7	0.14	37.5	30	1400	EPHPR1E151M6307
(1E)	28.7	220	6.3x11.5	0.14	55	27	1650	EPHPR1E221M6311
( - /		470	8x12	0.14	117.5	23	1900	EPHPR1E471M0812
		680	10x12	0.14	170	15	2700	EPHPR1E681M1012
		100	6.3x7	0.12	35	35	1400	EPHPR1V101M6307
35	40.2	150	6.3x11.5	0.12	52.5	32	1650	EPHPR1V151M6311
(1V)	40.2	220	8x12	0.12	77	24	1800	EPHPR1V221M0812
		470	10x12	0.12	164.5	16	2600	EPHPR1V471M1012
		33	6.3x7	0.10	16.5	40	1100	EPHPR1H330M6307
50	57.5	47	6.3x11.5	0.10	23.5	36	1250	EPHPR1H470M6311
(1H)	57.5	120	8x12	0.10	60	28	1400	EPHPR1H121M0812
		220	10x12	0.10	110	23	1800	EPHPR1H221M1012
		22	6.3x7	0.08	13.86	80	900	EPHPR1J220M6307
63	72.4	33	6.3x11.5	0.08	20.79	70	1000	EPHPR1J330M6311
(1J)	12.4	100	8x12	0.08	63	36	1300	EPHPR1J101M0812
		150	10x12	0.08	94.5	26	1600	EPHPR1J151M1012
80	92	47	8x12	0.08	37.6	42	1200	EPHPR1K470M0812
(1K)	32	82	10x12	0.08	65.6	33	1350	EPHPR1K820M1012
100(2A)	115	47	10x12	0.08	47	60	1050	EPHPR2A470M1012