

PH Series

●Pb-free design

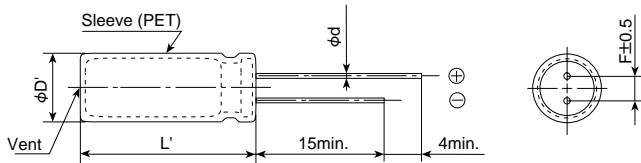


◆SPECIFICATIONS

Items	Characteristics						
Category							
Temperature Range	-20 to +55°C						
Rated Voltage Range	300 & 330V <sub>dc</sub>						
Capacitance Tolerance	-10 to +20% (V) (at 20°C, 120Hz)						
Leakage Current	I=1×C Where, I : Max. leakage current (µA), C : Nominal capacitance (µF) (at 20°C after 5 minutes)						
Dissipation Factor (tanδ)	0.06max. (at 20°C, 120Hz)						
Charge and Discharge Characteristics	The following specifications shall be satisfied when the capacitors are restored to 20°C after charge and discharge are repeated 5000 times at room temperature (5 to 35°C). Discharge resistance or Xenon tube : 0.7 to 1.0Ω. <table border="1"> <tr> <td>Capacitance change</td> <td>≤±10% of the initial value</td> </tr> <tr> <td>D.F. (tanδ)</td> <td>≤150% of the initial specified value</td> </tr> <tr> <td>Leakage current</td> <td>≤150% of the initial specified value</td> </tr> </table>	Capacitance change	≤±10% of the initial value	D.F. (tanδ)	≤150% of the initial specified value	Leakage current	≤150% of the initial specified value
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Leakage current	≤150% of the initial specified value						
Shelf Life	The following specifications shall be satisfied when the capacitors are restored to 20°C after exposing them for 1000 hours at 55°C without voltage applied. <table border="1"> <tr> <td>Capacitance change</td> <td>≤±10% of the initial value</td> </tr> <tr> <td>D.F. (tanδ)</td> <td>≤150% of the initial specified value</td> </tr> <tr> <td>Leakage current</td> <td>≤150% of the initial specified value</td> </tr> </table>	Capacitance change	≤±10% of the initial value	D.F. (tanδ)	≤150% of the initial specified value	Leakage current	≤150% of the initial specified value
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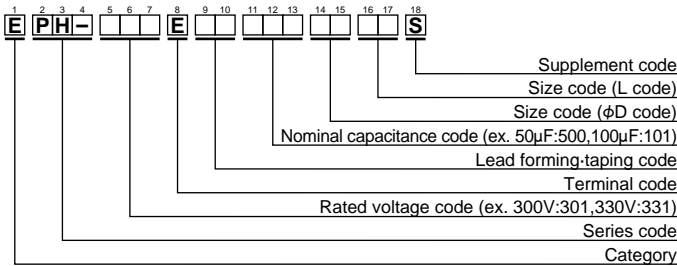
◆DIMENSIONS [mm]

●Terminal Code : E



φD	6.0 to 7.5	8.0 to 8.5	9.0 to 9.5	10.0 to 14.0	14.5 to 18
φd	0.5	0.6	0.6	0.6	0.8
F	2.5	3.5	4	5	7.5
φD'	φD+0.5max.				
L'	L+1.0max.				

◆PART NUMBERING SYSTEM



Please refer to "A guide to global code (radial lead type)"

●Size Code

φD code (14th, 15th)

φD(mm)	φD code	
	14th	15th
6.0	6	0
6.5	6	5
7.0	7	0
7.5	7	5
8.0	8	0
8.5	8	5
9.0	9	0
9.5	9	5
10.0	A	0
10.5	A	5
11.0	B	0
11.5	B	5
12.0	C	0
12.5	C	5
13.0	D	0
13.5	D	5
14.0	E	0
14.5	E	5
15.0	F	0
15.5	F	5
16.0	G	0
16.5	G	5
17.0	H	0
17.5	H	5
18.0	J	0

L code (16th, 17th)

L(mm)	L code	
	16th	17th
15.0	1	5
16.0	1	6
17.0	1	7
18.0	1	8
19.0	1	9
20.0	2	0
21.0	2	1
22.0	2	2
23.0	2	3
24.0	2	4
25.0	2	5
26.0	2	6
27.0	2	7
28.0	2	8
29.0	2	9
30.0	3	0
31.0	3	1
32.0	3	2
33.0	3	3
34.0	3	4
35.0	3	5
36.0	3	6
37.0	3	7
38.0	3	8
39.0	3	9
40.0	4	0
41.0	4	1
42.0	4	2
43.0	4	3
44.0	4	4
45.0	4	5