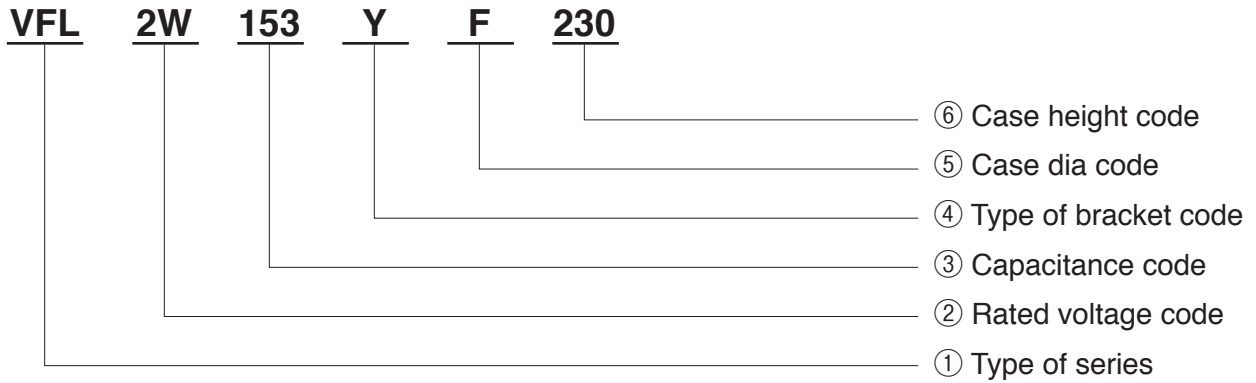


■ HOW TO ORDER



① Type of series

Type of series
VF
VG
VFL
VGL
VFH
VFR
VGR
VFLR
VGLR
VFHR
HCGWA
HCGW2
HCGW3
FXW
FXW2
HCG7A
HCGF5A
HCGF6A
FXA
FX2
FX3
FXR3
HXA
HCGHA
GXA
GX2
GX3
GXR3

② Rated voltage code

Rated voltage code	Rated voltage (V)
0J	6.3
1A	10
1C	16
1E	25
1V	35
1H	50
1J	63
1K	80
2A	100
2C	160
2D	200
2E	250
2V	350
2G	400
2W	450
2H	500
2L	550
600V	600
650V	650

③ Capacitance code

Capacitance code	Capacitance (μ F)	Capacitance code	Capacitance (μ F)
271	270	822	8,200
331	330	103	10,000
391	390	123	12,000
471	470	153	15,000
561	560	183	18,000
681	680	223	22,000
821	820	273	27,000
102	1,000	333	33,000
122	1,200	393	39,000
152	1,500	473	47,000
182	1,800	683	68,000
222	2,200	104	100,000
272	2,700	154	150,000
332	3,300	224	220,000
392	3,900	334	330,000
472	4,700	474	470,000
562	5,600	564	560,000
682	6,800	684	680,000

The first two digits are significant.
The last digit indicates the number of following zeros.

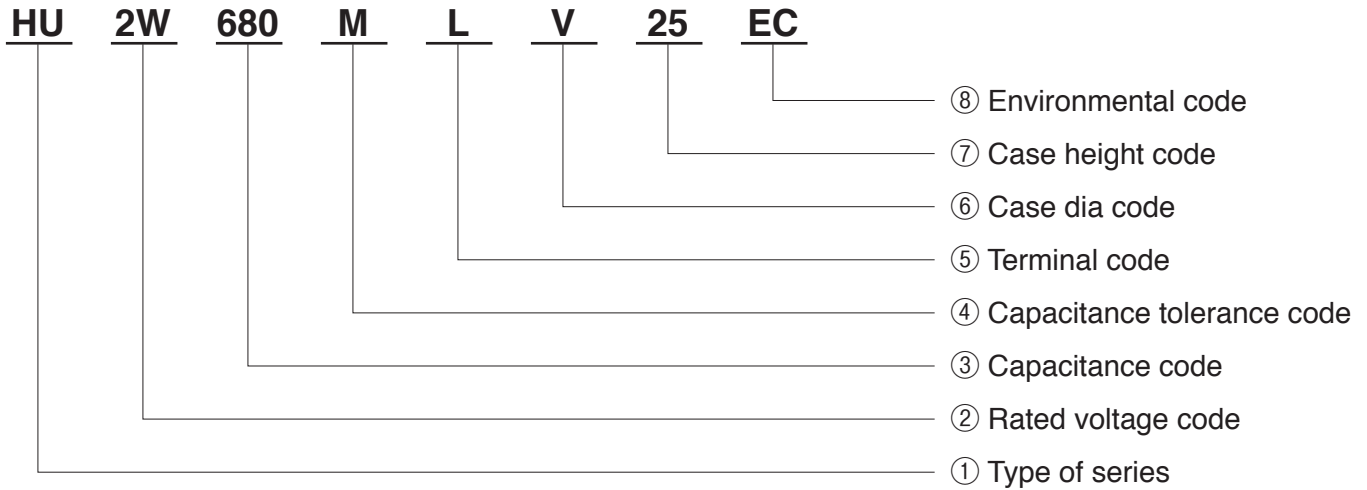
④ Type of bracket code

Type of bracket code	Bracket
I	Bracket I type
Y	Bracket Y type
X	Bracket X type
B	Stud screw type
IUC	Insulation holder I type
YUC	Insulation holder Y type

⑤ Case dia code

Case dia code	Case dia (mm)
A	36
C	51
D	64
E	77
F	90
G	101
K	121

HOW TO ORDER



① Type of series

Type of series
HU
HL

② Rated voltage code

Rated voltage code	Rated voltage (V)
2D	200
220V	220
2E	250
2V	350
2G	400
420V	420
2W	450

③ Capacitance code

Capacitance code	Capacitance (μF)	Capacitance code	Capacitance (μF)
8R2	8.2	820	82
100	10	101	100
150	15	121	120
220	22	151	150
270	27	181	180
330	33	221	220
390	39	331	330
470	47	471	470
560	56	561	560
680	68		

The first two digits are significant.
 The last digit indicates the number of following zeros.
 ex) 680=68(μF)

④ Capacitance tolerance code

Capacitance tolerance code	Capacitance tolerance (%)
M	± 20
Q	$-10 \sim +30$

The standard is [M].

⑤ Terminal code

Terminal code	Terminal
L	Lead terminal

⑥ Case dia code

Case dia code	Case dia (mm)
R	10
S	12.5
U	16
V	18

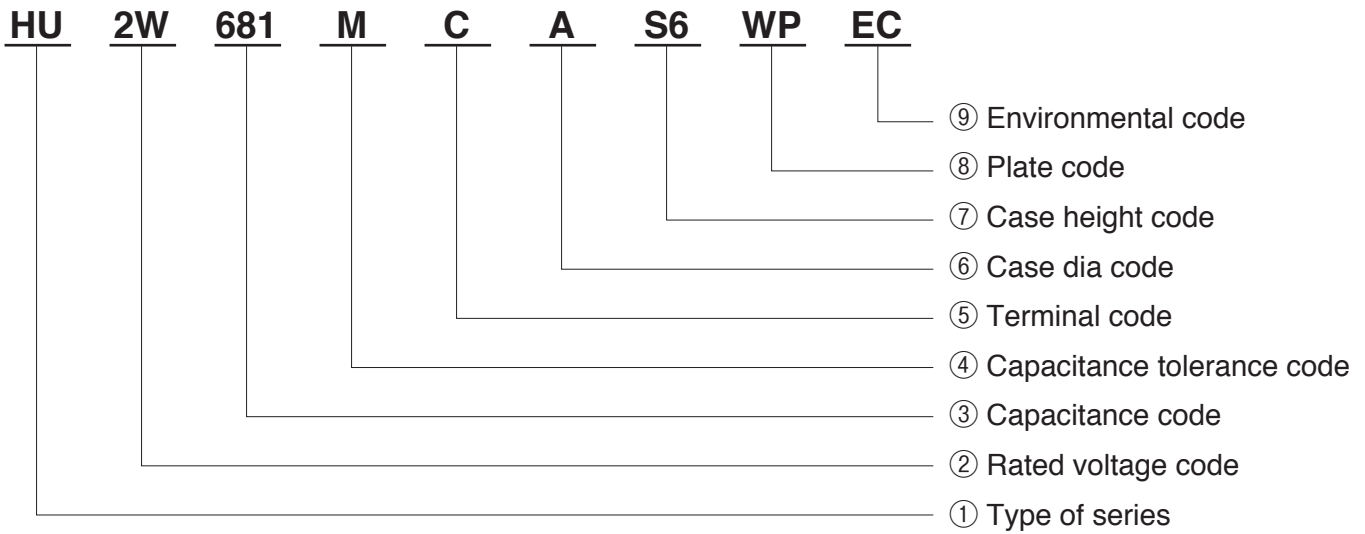
⑦ Case height code

Case height code	Case height (mm)	Case height code	Case height (mm)
16	16	355	35.5
20	20	40	40
25	25	45	45
315	31.5	50	50

⑧ Environmental code

Environmental code	Content
EC	Lead-free, PVC-free

HOW TO ORDER



① Type of series

Type of series
HP3
HU3
HU
ZL
HL
YL
XL1
CU
ZLR
DH

② Rated voltage code

Rated voltage code	Rated voltage (V)	Rated voltage code	Rated voltage (V)
1C	16	2E	250
1E	25	2F	315
1V	35	2V	350
1H	50	2G	400
1J	63	420V	420
1K	80	2W	450
2A	100	475V	475
2C	160	2H	500
2P	180	2L	550
2D	200	600V	600

③ Capacitance code

Capacitance code	Capacitance (μF)	Capacitance code	Capacitance (μF)
390	39	681	680
470	47	821	820
560	56	102	1,000
680	68	122	1,200
820	82	152	1,500
101	100	182	1,800
121	120	222	2,200
151	150	272	2,700
181	180	332	3,300
221	220	472	4,700
271	270	682	6,800
331	330	103	10,000
391	390	153	15,000
471	470	223	22,000
561	560	333	33,000

The first two digits are significant.
The last digit indicates the number of following zeros.

④ Capacitance tolerance code

Capacitance tolerance code	Capacitance tolerance (%)
M	±20
Q	-10~+30

The standard is [M].

⑤ Terminal code

Terminal code	Terminal
C	2-claw short Terminal
R	2-claw Terminal
S	4-claw Terminal
X	4-claw short Terminal
T	T-type Terminal
E	3-claw short Terminal

The standard is [C].

⑥ Case dia code

Case dia code	Case dia (mm)
W	20
X	22
Y	25
Z	30
A	35
B	40

⑦ Case height code

Case height code	Case height (mm)
S1	20
S2	25
S3	30
S4	35
S5	40
S6	45
S7	50
S8	55 (56)
S9	60 (61)
S12	75 (76)
S17	100 (101)

⑧ Plate code

Plate code	Presence
WP	Without plate

The standard is [WP].

⑨ Environmental code

Environmental code	Content
EC	Lead-free, PVC-free
PF	Lead-free

The standard is [EC].

OUTLINE OF DRAWINGS AND DIMENSIONS

2-claw short terminal

Standard terminal

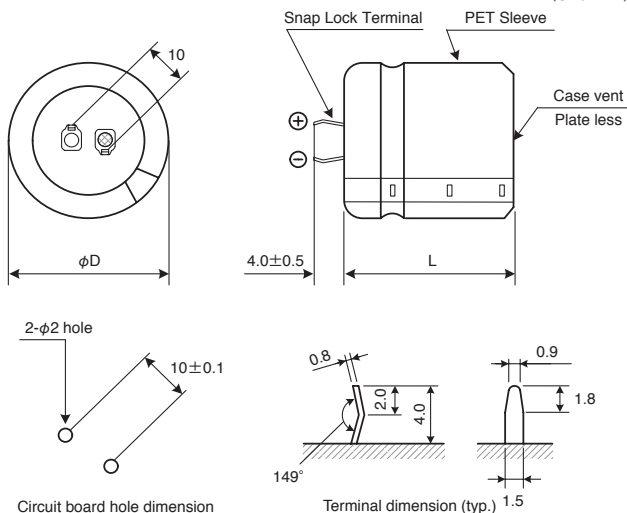
Terminal code : C

Case dia (D) : $\phi 20 \sim \phi 35$

Case height (L) : $\sim 75L$

(When fixing with the snap mount type capacitors had two claw terminal and the length of the capacitor more than 55 mm to PCB, use adhesive glue.)

(Unit : mm)



2-claw terminal

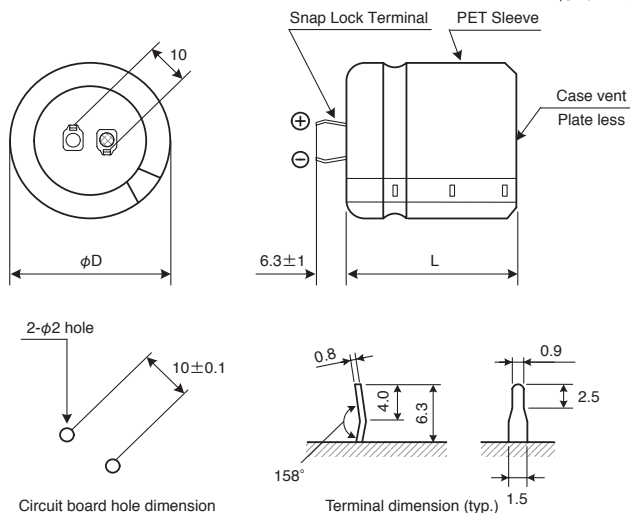
Terminal code : R

Case dia (D) : $\phi 20 \sim \phi 35$

Case height (L) : $\sim 75L$

(When fixing with the snap mount type capacitors had two claw terminal and the length of the capacitor more than 55 mm to PCB, use adhesive glue.)

(Unit : mm)

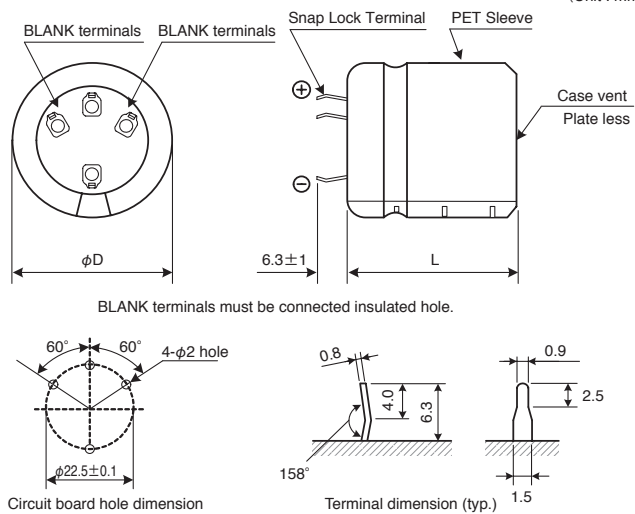


4-claw terminal

Terminal code : S

Case dia (D) : $\phi 35 \sim \phi 40$

(Unit : mm)

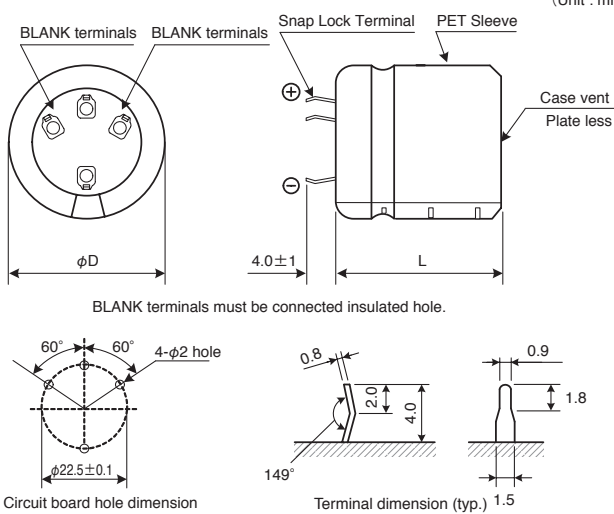


4-claw short terminal

Terminal code : X

Case dia (D) : $\phi 35 \sim \phi 40$

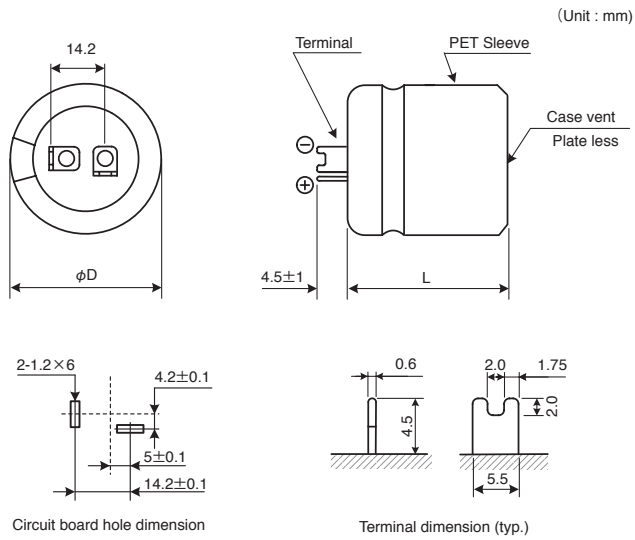
(Unit : mm)



■ T-type terminal

Terminal code : T

Case dia (D) : $\phi 30 \sim \phi 40$



■ 3-claw short terminal

Terminal code : E

Case dia (D) : $\phi 22 \sim \phi 35$

