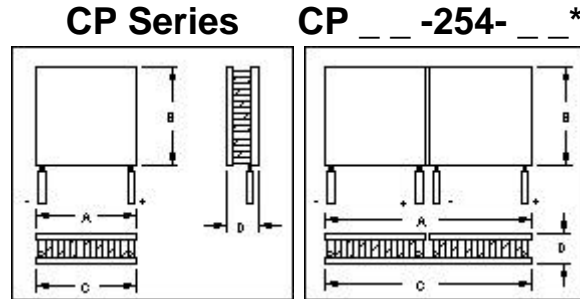


# MELCOR CP Series

## Mechanical Characteristics



## CP Series Specifications

Catalog Number <sup>1</sup>	I <sub>max</sub> (Amps)	T <sub>H</sub> = 25°C			N	Dimensions (mm)			
		Q <sub>max</sub> <sup>2</sup> (Watts)	V <sub>max</sub> (Volts)	DT <sub>max</sub> (°C)		A	B	C	D <sup>3</sup>
CP 0.8-7-06L	2.1	1	0.85	67	7	6	6	6	3.4
CP 0.8-17-06L	2.1	2.4	2.06	67	17	9	9	9	3.4
CP 0.8-31-06L	2.1	4.4	3.75	67	31	12	12	12	3.4
CP 0.8-63-06L	2.1	9	7.62	67	63	12	25	12	3.4
CP 0.8-71-06L	2.1	10.1	8.6	67	71	18	18	18	3.4
CP 0.8-127-06L	2.1	18.1	15.4	67	127	25	25	25	3.4
CP 0.8-254-06L*	2.1/4.2	36.2	30.8/15.4	67	254	50	25	50	3.4
CP 0.8-127-05L	2.6	22.4	15.4	67	127	25	25	25	3.1

<b>CP 0.8-254-05L*</b>	2.6/5.2	44.8	30.8/15.4	67	254	50	25	50	3.1
<b>CP 1.0-7-08L</b>	2.5	1.2	0.85	67	7	8	8	8	4
<b>CP 1.0-17-08L</b>	2.5	2.9	2.06	67	17	12	12	12	4
<b>CP 1.0-31-08L</b>	2.5	5.3	3.75	67	31	15	15	15	4
<b>CP 1.0-63-08L</b>	2.5	10.6	7.62	67	63	15	30	15	4
<b>CP 1.0-71-08L</b>	2.5	12	8.6	67	71	23	23	23	4
<b>CP 1.0-127-08L</b>	2.5	21.4	15.4	67	127	30	30	30	4
<b>CP 1.0-254-08L*</b>	2.5/5.0	42.8	30.8/15.4	67	254	60	30	60	4
<b>CP 1.0-7-06L</b>	3	1.4	0.85	67	7	8	8	8	3.6
<b>CP 1.0-17-06L</b>	3	3.4	2.06	67	17	12	12	12	3.6
<b>CP 1.0-31-06L</b>	3	6.3	3.75	67	31	15	15	15	3.6
<b>CP 1.0-63-06L</b>	3	12.7	7.62	67	63	15	30	15	3.6
<b>CP 1.0-71-06L</b>	3	14.4	8.6	67	71	23	23	23	3.6
<b>CP 1.0-127-06L</b>	3	25.7	15.4	67	127	30	30	30	3.6
<b>CP 1.0-254-06L*</b>	3.0/6.0	51.4	30.8/15.4	67	254	60	30	60	3.6
<b>CP 1.0-7-05L</b>	3.9	1.8	0.85	67	7	8	8	8	3.2
<b>CP 1.0-17-05L</b>	3.9	4.5	2.06	67	17	12	12	12	3.2
<b>CP 1.0-31-05L</b>	3.9	8.2	3.75	67	31	15	15	15	3.2

<b>CP 1.0-63-05L</b>	3.9	16.6	7.62	67	63	15	30	15	3.2
<b>CP 1.0-71-05L</b>	3.9	18.7	8.6	67	71	23	23	23	3.2
<b>CP 1.0-127-05L</b>	3.9	33.4	15.4	67	127	30	30	30	3.2
<b>CP 1.0-254-05L*</b>	3.9/7.8	66.8	30.8/15.4	67	254	60	30	60	3.2
<b>CP 1.4-11-10L</b>	3.9	2.9	1.33	70	11	10	15	10	4.7
<b>CP 1.4-17-10L</b>	3.9	4.5	2.06	70	17	15	15	15	4.7
<b>CP 1.4-31-10L</b>	3.9	8.2	3.75	70	31	20	20	20	4.7
<b>CP 1.4-35-10L</b>	3.9	9.2	4.24	70	35	15	30	15	4.7
<b>CP 1.4-71-10L</b>	3.9	18.7	8.6	70	71	30	30	30	4.7
<b>CP 1.4-127-10L</b>	3.9	33.4	15.4	70	127	40	40	40	4.7
<b>CP 1.4-11-06L</b>	6	4.4	1.33	67	11	10	15	10	3.8
<b>CP 1.4-17-06L</b>	6	6.9	2.06	67	17	15	15	15	3.8
<b>CP 1.4-31-06L</b>	6	12.5	3.75	67	31	20	20	20	3.8
<b>CP 1.4-35-06L</b>	6	14.2	4.24	67	35	15	30	15	3.8
<b>CP 1.4-71-06L</b>	6	28.7	8.6	67	71	30	30	30	3.8
<b>CP 1.4-127-06L</b>	6	51.4	15.4	67	127	40	40	40	3.8
<b>CP 1.4-11-045L</b>	8.5	6	1.33	67	11	10	15	10	3.3

<b>CP 1.4-17-045L</b>	8.5	9.2	2.06	67	17	15	15	15	3.3
<b>CP 1.4-31-045L</b>	8.5	16.8	3.75	67	31	20	20	20	3.3
<b>CP 1.4-35-045L</b>	8.5	19	4.24	67	35	15	30	15	3.3
<b>CP 1.4-71-045L</b>	8.5	38.5	8.6	67	71	30	30	30	3.3
<b>CP 1.4-127-045L</b>	8.5	72	15.4	67	127	40	40	40	3.3
<b>CP 2-17-10L</b>	9	10.3	2.06	70	17	22	22	22	5.6
<b>CP 2-31-10L</b>	9	18.8	3.75	70	31	30	30	30	5.6
<b>CP 2-49-10L</b>	9	29.7	5.93	70	49	36	36	36	5.6
<b>CP 2-71-10L</b>	9	43.1	8.6	70	71	44	44	44	5.6
<b>CP 2-127-10L</b>	9	77.1	15.4	70	127	62	62	62	5.6
<b>CP 2-17-06L</b>	14	16	2.06	67	17	22	22	22	4.6
<b>CP 2-31-06L</b>	14	29.3	3.75	67	31	30	30	30	4.6
<b>CP 2-49-06L</b>	14	46.2	5.93	67	49	36	36	36	4.6
<b>CP 2-71-06L</b>	14	67	8.6	67	71	44	44	44	4.6
<b>CP 2-127-06L</b>	14	120	15.4	67	127	62	62	62	4.6
<b>CP 2.8-31-06L</b>	24	50.2	3.75	67	31	40	40	40	5
<b>CP 5-31-10L</b>	39	81.5	3.75	70	31	55	55	55	5.8
<b>CP 5-31-06L</b>	60	125	3.75	67	31	55	55	55	4.9

<sup>1</sup>Please specify the surface finish by adding one of the following codes to the end of the catalog number:

- Type L Both hot and cold faces lapped flat.  
Type TT Both faces metallized and tinned. Two face soldering in sizes larger than 12 x 12 mm is not recommended. Consult MELCOR for details.  
Type TL Hybrid, hot face tinned, cold face lapped.  
Type LT Hybrid, hot face lapped, cold face tinned.

<sup>2</sup> Conditions for  $Q_{max}$ :  $DT = 0^\circ$ ,  $I = I_{max}$ ,  $V = V_{max}$ , and  $T_H = 25^\circ C$ .

<sup>3</sup> Thickness is for Type L only.

\* These modules have four leads and can be wired in series or parallel. The specifications table indicates maximum values for  $V$  and  $I$  when "Wired in Series" / "Wired in Parallel".