

MKP LIGHTING CAPACITOR TYPE TC 884

Application: MKP capacitor TC 884 is particularly determined for parallel compensation of lightning appliances.

Description: The capacitor winding element is made of metallized polypropylene film and it is closed in a plastic self-extinguishing case. The capacitor terminals are either two pairs of push wire, which are an integral part of the cover together with discharging resistor. The capacitors with marking (L) and (I) are terminals insulated leads or wires, which go axial through the opening in a plastic case. The discharging resistor is inside capacitor between terminals and ensures discharging of the capacitor to max. 50 V in 1 min.
Capacitor TC 884 . . is a capacitor type A – autoregenerative parallel capacitor, which doesn't have to contain a disconnecting device.

Electrical properties:

Tolerance on capacitance: - ± 10 % (K), ± 5 % (J)
 Test voltage between terminals: 2 x U_{jm}. 50 Hz / 60 s
 Test voltage between terminals and case: 2000 V 50 Hz / 60 s

Dissipation factor tgδ

Type	Measuring frequency	Max. tg δ x 10 ⁻⁴	
		C _{jm} ? 10 μF	C _{jm} > 10 μF
TC 884 R.	50 Hz or 100 Hz	6	8
	1 kHz	40	80
TC 884 L, I.	50 Hz or 100 Hz	12	16
	1 kHz	80	160

Type marking of capacitors:

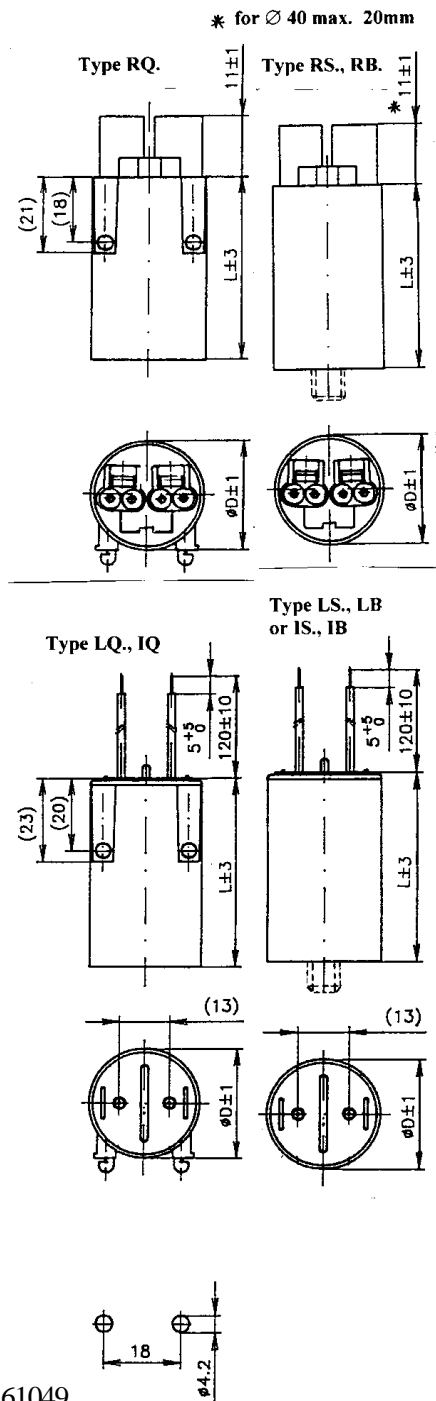
TC 884 . . - MKP capacitor for parallel compensation U_{jm} = 250 Vac
1st letter indicates type of terminals
R – integrated push-wire connector with discharging resistor
L – insulated flexible core leads, 0,75 mm², length 120 mm, going through axial plastic cover, discharging resistor is inside case
I – insulated solid core leads, Ø0,8 mm, length 120 mm, go axial through a plastic cover, discharging resistor is inside case
 . – another type of terminal or length is necessary to discuss with producer
2nd letter indicates case fixing system
Q – quick fit system
B – case without a base stud
S – case with a metal base stud M8 x 10 mm

Information for order

TC 884 RQ 5μF ± 10 % - lighting capacitor in a quick-clamping case with a push wire cover, with an integral resistor, with capacitance μF, with tolerance ± 10 % and with nominal voltage 250 Vac for parallel compensation

Dimensions

Type	TC 884 Parallel compensation			
	250 Vac (50 Hz) -25°C/+85°C			
Nominal voltage	400 V = -25°C/+85°C			
	Dimensions D x L (mm)			
Nominal capacitance	LS, IS, LB, IB	RS, RB	RQ	LQ, IQ
2	25 x 58	25 x 56	25 x 73	25 x 75
2,5	25 x 58	25 x 56	25 x 73	25 x 75
3	25 x 58	25 x 56	25 x 73	25 x 75
3,5	25 x 58	25 x 56	25 x 73	25 x 75
3,75	25 x 58	25 x 56	25 x 73	25 x 75
4	25 x 58	25 x 56	25 x 73	25 x 75
4,5	25 x 58	25 x 56	25 x 73	25 x 75
5	25 x 58	25 x 56	25 x 73	25 x 75
6	25 x 58	25 x 56	25 x 73	25 x 75
7	25 x 75	25 x 73	25 x 73	25 x 75
8	(30 x 58)	(30 x 56)		
	25 x 75	25 x 73	25 x 73	25 x 75
8,4	(30 x 58)	(30 x 56)		
	25 x 75	25 x 73	25 x 73	25 x 75
9	(30 x 58)	(30 x 56)		
	25 x 75	25 x 73	25 x 73	25 x 75
10	30 x 74	30 x 72	30 x 71	30 x 70
11	30 x 74	30 x 72	30 x 71	30 x 70
12	30 x 74	30 x 72	30 x 71	30 x 70
13,5	30 x 74	30 x 72	30 x 71	30 x 70
14	30 x 74	30 x 72	30 x 71	30 x 70
15	35 x 75	35 x 73	35 x 73	35 x 75
16	35 x 75	35 x 73	35 x 73	35 x 75
18	35 x 75	35 x 73	35 x 73	35 x 75
20	35 x 75	35 x 73	35 x 73	35 x 75
22	35 x 97,5	35 x 95,5	35 x 92	35 x 94
	(40 x 75)	(40 x 73)		
24	35 x 97,5	35 x 95,5	35 x 92	35 x 94
	(40 x 75)	(40 x 73)		
25	35 x 97,5	35 x 95,5	35 x 92	35 x 94
	(40 x 75)	(40 x 73)		
30	40 x 95	40 x 93		
	(45 x 75)			
32	40 x 95	40 x 93		
	(45 x 75)			
35	40 x 95	40 x 93		
	(45 x 75)			
40	45 x 95			
45	45 x 95			
50	45 x 95			
55	45 x 120			
60	45 x 120			
65	45 x 120			
70	50 x 120			



Approval: is for capacitance range : 2 – 45 μ F, 250 V / 50 Hz
The capacitors correspond to a accordance with EN 61048, EN 61049

