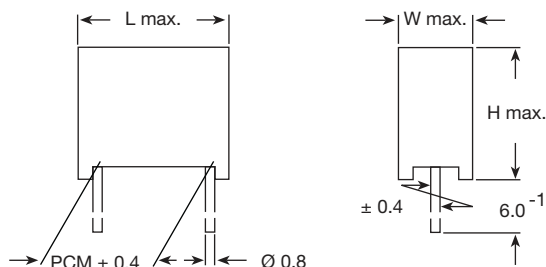
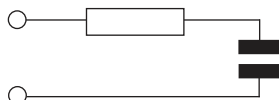


## Interference Suppression RC Networks (Spark Quenching Capacitors) Class X2 AC 250 V (MKT)

Dimensions in mm



### CIRCUIT DIAGRAM



### FEATURES

- Compliant to RoHS Directive 2002/95/EC


**RoHS**  
COMPLIANT

### RATED VOLTAGE

AC 250 V, 50 Hz/60 Hz

### TERMINALS

Standard: radial tinned copper wire.

On request: Insulated stranded copper wire, type LiY 0.5 mm<sup>2</sup> (or AWG 20) ends stripped and tinned or insulated solid copper wire, type YV (d = 0.8 mm) with stripped ends

### COATING

Plastic case, epoxy resin sealed, flame retardant UL 94 V-0

### DIELECTRIC

Polyester film

### RESISTOR

P<sub>40</sub> = 0.75 W

Value variation according to row E 12 of DIN IEC 63

### APPROVAL

COUNTRY		SPECIFICATION	APPROVAL REFERENCE	APPROVAL MARK
U.S.A	UL	UL 1283	E 76297	

CAPACITANCE	TOL. (%)	RESISTOR VALUE (Ω)	PITCH (mm)	BOX NO.	DIMENSIONS W x H x L (+ 0.2/- 0.4 mm)	WEIGHT LEAD LENGTH ≤ 6 <sup>-1</sup> mm (g)	QUANTITY PACKAGE LEAD LENGTH ≤ 6 <sup>-1</sup> mm (pcs) <sup>(1)</sup>	ORDERING CODE <sup>(2)</sup>
0.068 μFX2	± 20	2.2 to 470	22.5	12	8.3 x 16.3 x 26.3	5.3	200	F1776-368-.... / ..Ω
0.10 μFX2	± 20	2.2 to 470	22.5	12	8.3 x 16.3 x 26.3	5.3	200	F1776-410-.... / ..Ω
0.15 μFX2	± 20	2.2 to 470	22.5	13	10.3 x 18.3 x 26.3	7.0	150	F1776-415-.... / ..Ω
0.22 μFX2	± 20	2.2 to 470	27.5	14	11.0 x 20.3 x 31.3	10.0	125	F1776-422-.... / ..Ω
0.27 μFX2	± 20	2.2 to 390	27.5	14	11.0 x 20.3 x 31.3	10.0	125	F1776-427-.... / ..Ω
0.33 μFX2	± 20	2.2 to 220	27.5	14	11.0 x 20.3 x 31.3	10.0	125	F1776-433-.... / ..Ω
0.47 μFX2	± 20	2.2 to 220	27.5	15	13.0 x 23.3 x 31.3	13.1	110	F1776-447-.... / ..Ω
0.68 μFX2	± 20	2.2 to 100	37.5	16	14.0 x 24.3 x 41.3	21.3	80	F1776-468-.... / ..Ω

### Notes

<sup>(1)</sup> Further information about packaging quantities with different lead length and/or taped versions.

See document "Packing Quantities for Radial Capacitors in PCM 10 mm to 37.5 mm" ([www.vishay.com/doc?27608](http://www.vishay.com/doc?27608)).

Use Box No. as reference.

<sup>(2)</sup> Ordering Code: For RC-network 0.068 μF + 100 Ω: F1776-368-.... / ..Ω.



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