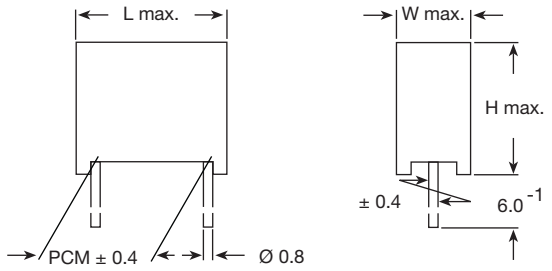
VISHAY

F1776

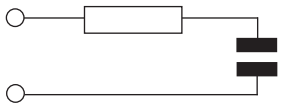
Vishay Roederstein

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

Pb-free
RoHS COMPLIANT

RATED VOLTAGE

AC 250 V, 50 Hz/60 Hz

TERMINALS

Standard: radial tinned coppere wire.
On request: Insulated stranded copper wire, type LiY 0.5 mm^2 (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_{40} = 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 ≤ 6-1 mm (g)	QUANTITY PACKAGE LEAD LENGTH ≤ 6-1 mm (pcs) (1)	ORDERING CODE (2)
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

(1) 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).
Use Box No. as reference.

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

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