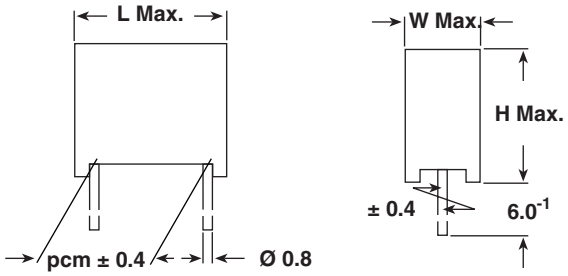
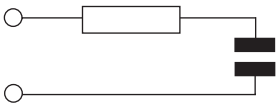
AC-Capacitors, RC Networks (Spark Quenching Capacitors) Class X2 AC 250 V (MKT)

Dimensions in mm



CIRCUIT DIAGRAMM:



FEATURES:
Product is completely lead (Pb)-free
Product is RoHS compliant

Pb-free
RoHS COMPLIANT

RATED VOLTAGE:
AC 250 V, 50/60 Hz

TERMINALS:
Standard: radial tinned coppere wire. On request: insualted 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 94V-0

RESISTOR:
P_{40} = 0.75 Watts
Value variation according to row E 12 of DIN IEC 63
See page 14 (Document Number 26537)

TECHNICAL DATA:
See page 21 (Document Number 26504)

APPROVAL

COUNTRY		SEPCIFICATION	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)*	ORDERING CODE**
0.068 µFX2	± 20	2.2 - 470	22.5	12	8.3 x 16.3 x 26.3	5.3	200	F1776-368-. . . . / . .Ω
0.1 µFX2	± 20	2.2 - 470	22.5	12	8.3 x 16.3 x 26.3	5.3	200	F1776-410-. . . . / . .Ω
0.15 µFX2	± 20	2.2 - 470	22.5	13	10.3 x 18.3 x 26.3	7.0	150	F1776-415-. . . . / . .Ω
0.22 µFX2	± 20	2.2 - 470	27.5	14	11.0 x 20.3 x 31.3	10.0	125	F1776-422-. . . . / . .Ω
0.27 µFX2	± 20	2.2 - 390	27.5	14	11.0 x 20.3 x 31.3	10.0	125	F1776-427-. . . . / . .Ω
0.33 µFX2	± 20	2.2 - 220	27.5	14	11.0 x 20.3 x 31.3	10.0	125	F1776-433-. . . . / . .Ω
0.47 µFX2	± 20	2.2 - 220	27.5	15	13.0 x 23.3 x 31.3	13.1	110	F1776-447-. . . . / . .Ω
0.68 µFX2	± 20	2.2 - 100	37.5	16	14.0 x 24.3 x 41.3	21.3	80	F1776-468-. . . . / . .Ω

* Further information about packaging quantities with different lead length and/or taped versions.
See page 16 (Document No 27608 Packaging Quantities). Use Box No. as reference

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

Disclaimer

All product specifications and data are subject to change without notice.

Vishay Intertechnology, Inc., its affiliates, agents, and employees, and all persons acting on its or their behalf (collectively, “Vishay”), disclaim any and all liability for any errors, inaccuracies or incompleteness contained herein or in any other disclosure relating to any product.

Vishay disclaims any and all liability arising out of the use or application of any product described herein or of any information provided herein to the maximum extent permitted by law. The product specifications do not expand or otherwise modify Vishay’s terms and conditions of purchase, including but not limited to the warranty expressed therein, which apply to these products.

No license, express or implied, by estoppel or otherwise, to any intellectual property rights is granted by this document or by any conduct of Vishay.

The products shown herein are not designed for use in medical, life-saving, or life-sustaining applications unless otherwise expressly indicated. Customers using or selling Vishay products not expressly indicated for use in such applications do so entirely at their own risk and agree to fully indemnify Vishay for any damages arising or resulting from such use or sale. Please contact authorized Vishay personnel to obtain written terms and conditions regarding products designed for such applications.

Product names and markings noted herein may be trademarks of their respective owners.