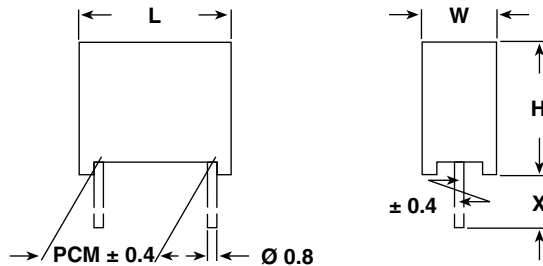


AC Capacitors, Suppression Capacitors, Class Y2 AC 250 V (MKT)



Dimensions in mm

LEAD LENGTH x (mm)	ORDERING CODE ⁽²⁾
4 ⁻¹	F1710-...-1004
6 ⁻¹	F1710-...-1000
15 ⁻¹	F1710-...-1015
30 ⁺⁵	F1710-...-1030

FEATURES

- Compliant to RoHS directive 2002/95/EC

TERMINALS

Radial tinned wire

RATED VOLTAGE

AC 250 V, 50 Hz/60 Hz

COATING

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

TECHNICAL DATA

See page 71 (Document Number 26525)


RoHS
COMPLIANT

CAPACITANCE	TOL. (%)	PITCH (mm)	BOX NO.	DIMENSIONS W x H x L (mm) (+ 0.2 mm/- 0.4 mm)	WEIGHT LEAD LENGTH ≤ 6 ⁻¹ mm (g)	QUANTITY PACKAGE LEAD LENGTH ≤ 6 ⁻¹ mm (pcs)	ORDERING CODE ⁽²⁾
1000 pFY2	± 20	15	05	5.3 x 10.3 x 17.8	1.4	750	F1710-210-10 ..
1200 pFY2	± 20	15	05	5.3 x 10.3 x 17.8	1.4	750	F1710-212-10 ..
1500 pFY2	± 20	15	05	5.3 x 10.3 x 17.8	1.4	750	F1710-215-10 ..
1800 pFY2	± 20	15	05	5.3 x 10.3 x 17.8	1.4	750	F1710-218-10 ..
2200 pFY2	± 20	15	05	5.3 x 10.3 x 17.8	1.4	750	F1710-222-10 ..
2700 pFY2	± 20	15	05	5.3 x 10.3 x 17.8	1.4	750	F1710-227-10 ..
3300 pFY2	± 20	15	05	5.3 x 10.3 x 17.8	1.4	750	F1710-233-10 ..
3900 pFY2	± 20	15	05	5.3 x 10.3 x 17.8	1.4	750	F1710-239-10 ..
4700 pFY2	± 20	15	05	5.3 x 10.3 x 17.8	1.4	750	F1710-247-10 ..
5600 pFY2	± 20	15	05	5.3 x 10.3 x 17.8	1.4	750	F1710-256-10 ..
6800 pFY2	± 20	15	05	5.3 x 10.3 x 17.8	1.4	750	F1710-268-10 ..
8200 pFY2	± 20	15	06	6.3 x 12.3 x 17.8	2.0	500	F1710-282-10 ..
0.01 µFY2	± 20	15	06	6.3 x 12.3 x 17.8	2.0	500	F1710-310-10 ..
0.012 µFY2	± 20	15	07	7.3 x 13.3 x 17.8	2.4	450	F1710-312-10 ..
0.015 µFY2	± 20	15	07	7.3 x 13.3 x 17.8	2.4	450	F1710-315-10 ..
0.018 µFY2	± 20	15	28	8.3 x 17.3 x 17.8	3.4	300	F1710-318-10 ..
0.022 µFY2	± 20	15	28	8.3 x 17.3 x 17.8	3.4	300	F1710-322-10 ..
0.027 µFY2	± 20	22.5	09	6.3 x 14.3 x 26.3	3.5	260	F1710-327-10 ..
0.033 µFY2	± 20	22.5	09	6.3 x 14.3 x 26.3	3.5	260	F1710-333-10 ..
0.039 µFY2	± 20	22.5	11	7.3 x 15.3 x 26.3	3.9	235	F1710-339-10 ..
0.047 µFY2	± 20	22.5	12	8.3 x 16.3 x 26.3	4.8	200	F1710-347-10 ..
0.056 µFY2	± 20	22.5	13	10.3 x 18.3 x 26.3	6.6	170	F1710-356-10 ..
0.068 µFY2	± 20	22.5	13	10.3 x 18.3 x 26.3	6.6	170	F1710-368-10 ..
0.082 µFY2	± 20	27.5	14	11.0 x 20.3 x 31.3	9.4	125	F1710-382-10 ..
0.1 µFY2	± 20	27.5	14	11.0 x 21.0 x 31.0	9.4	125	F1710-410-10 ..

Notes

- Preferred values in bold print.

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

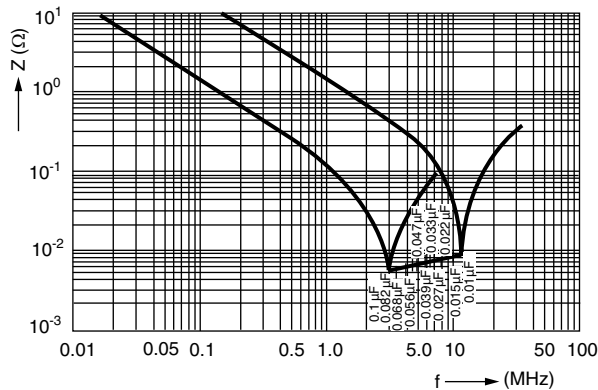
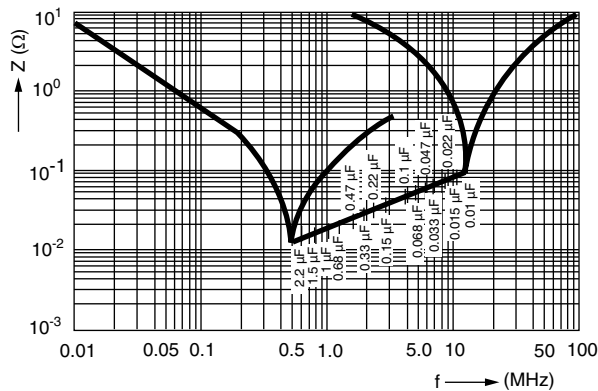
See page 16 (Document No. 27608 Packaging Quantities). Use Box No. as reference

⁽²⁾ These capacitors can be delivered on continuous tape and reel see page 14/15 (Document Number 27622)

The ordering code is then: F1710-...-1900 at H = 16 mm, F1710-...-1901 at H = 18.5 mm.

APPROVALS

COUNTRY	SPECIFICATION	ELECTRICAL VALUES	APPROVAL REFERENCE	APPROVAL MARK
U.S.A. (for AC 250 V)	UL 1283 UL 1414	0.01 μ F X to 0.1 μ F X 0.01 μ F X to 0.1 μ F X	E 76297 E 100682	
Canada (for AC 250 V)	C 22.2 No. 1-M 1994	1000 pF Y2 to 0.1 μ F Y2	2167188	
CB TEST-CERTIFICATE (for AC 275 V)		1000 pF Y2 to 0.1 μ F Y2	DE 1-8790	
Germany	EN 132 400; 1999 IEC 60384-14, 2nd edition, 1995	1000 pF Y2 to 0.1 μ F X2	94613	
This approval mark together with the CB-Certificate replace all national approval marks of the following countries (they have already signed the CB-Agreement):				
Austria	Belgium	Denmark	Finland	Sweden
France	Germany	Ireland	Italy	Switzerland
Netherlands	Israel	Portugal	Spain	Great Britain
Japan	Norway	China	Poland	Czech. Republic
Singapore	Rep. of Korea	Hungary	Iceland	Slovenia



Impedance (Z) as a function of frequency (f) at $T_a = 20\text{ }^\circ\text{C}$ (average)
Measurement with lead length 6 mm.



Disclaimer

ALL PRODUCT, PRODUCT SPECIFICATIONS AND DATA ARE SUBJECT TO CHANGE WITHOUT NOTICE TO IMPROVE RELIABILITY, FUNCTION OR DESIGN OR OTHERWISE.

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 in any datasheet or in any other disclosure relating to any product.

Vishay makes no warranty, representation or guarantee regarding the suitability of the products for any particular purpose or the continuing production of any product. To the maximum extent permitted by applicable law, Vishay disclaims (i) any and all liability arising out of the application or use of any product, (ii) any and all liability, including without limitation special, consequential or incidental damages, and (iii) any and all implied warranties, including warranties of fitness for particular purpose, non-infringement and merchantability.

Statements regarding the suitability of products for certain types of applications are based on Vishay's knowledge of typical requirements that are often placed on Vishay products in generic applications. Such statements are not binding statements about the suitability of products for a particular application. It is the customer's responsibility to validate that a particular product with the properties described in the product specification is suitable for use in a particular application. Parameters provided in datasheets and/or specifications may vary in different applications and performance may vary over time. All operating parameters, including typical parameters, must be validated for each customer application by the customer's technical experts. Product specifications do not expand or otherwise modify Vishay's terms and conditions of purchase, including but not limited to the warranty expressed therein.

Except as expressly indicated in writing, Vishay products are not designed for use in medical, life-saving, or life-sustaining applications or for any other application in which the failure of the Vishay product could result in personal injury or death. Customers using or selling Vishay products not expressly indicated for use in such applications do so at their own risk and agree to fully indemnify and hold Vishay and its distributors harmless from and against any and all claims, liabilities, expenses and damages arising or resulting in connection with such use or sale, including attorneys fees, even if such claim alleges that Vishay or its distributor was negligent regarding the design or manufacture of the part. Please contact authorized Vishay personnel to obtain written terms and conditions regarding products designed for such applications.

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