

Suppression Capacitors for Washing Machines/Dishwashers Class X1/Y2 AC 275V/250V

TECHNICAL DATA:

See page 73 (Document Number 27001)

TERMINALS:

3 faston terminals 6.3 x 0.8mm according to DIN 46247 brass tinned

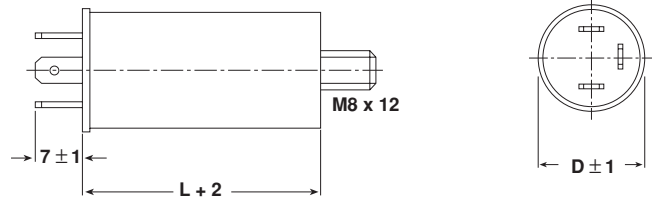
COATING:

Cylindrical plastic case with integral stud M8 x 12mm, epoxy resin sealed, UL-class 94V-0. Maximum torque for the nut: 3.2 Nm

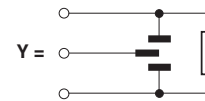
RATED VOLTAGE:

AC 275V, 50/60Hz aX1
AC 250V, 50/60Hz aY2

Dimensions in mm



CIRCUIT DIAGRAM:



| CAPACITANCE X-Value | CAPACITANCE Y-Value | DISCHARGING RESISTOR | DIMENSIONS D x L (mm) | WEIGHT (g) | QUANTITY PACKAGE (pcs) | ORDERING CODE |
|------------------------|------------------------|-------------------------|-----------------------------|---------------|------------------------------|------------------|
| 0.27 μ FX1 | 2 x 0.027 μ FY2 | 1M Ω | 25 x 50 | 36.5 | 100 | F1740-427-3800 |
| 0.27 μ FX1 | 2 x 0.01 μ FY2 | 1M Ω | 25 x 50 | 36.5 | 100 | F1740-427-3820 |
| 0.47 μ FX1 | 2 x 0.027 μ FY2 | 680K Ω | 25 x 50 | 36.5 | 100 | F1740-447-3800 |
| 0.47 μ FX1 | 2 x 0.01 μ FY2 | 680K Ω | 25 x 50 | 36.5 | 100 | F1740-447-3820 |

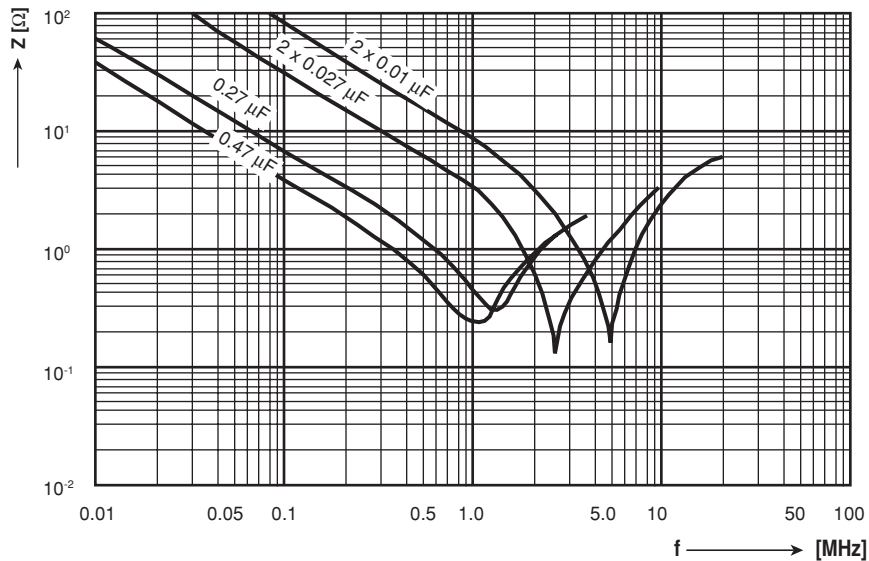


F1740-3800 and F1740-3820

Supp. Capacitors, Class X1/Y2 AC 275/250V Vishay Roederstein

APPROVALS

| COUNTRY | SPECIFICATION | ELECTRICAL VALUES | APPROVAL REFERENCE | APPROVAL MARK |
|--|---|--|--------------------|-----------------|
| U.S.A. (for AC 250V) | UL 1283 | 0.27 μ FX - 0.47 μ FX + 2 x 2700 pFY - 2 x 0.027 μ FY | E 76297 | |
| CB TEST-CERTIFICATE | | 0.27 μ FX1 - 0.47 μ FX1 + 2 x 2700 pFY2 - 2 x 0.027 μ FY2 | CH 676-A1 | |
| Switzerland (for AC 275/250V) | EN 132 400 IEC 60384-14, 2nd edition | 0.27 μ FX1 - 0.47 μ FX1 + 2 x 2700 pFY2 - 2 x 0.027 μ FY2 | 96.1 10036.02 | |
| 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 $T_a = 20^\circ\text{C}$ (average).

Measurement with lead length 50mm.