

## ARTICLE TABLE

Capaci- Box Max dimensions Max  
tance code in mm  $f_o$  dU/dt Article code  
 $\mu F$  B H L MHz V/ $\mu s$

## LEAD SPACING 10 MM

|        |     |     |      |      |    |     |                     |
|--------|-----|-----|------|------|----|-----|---------------------|
| 0.0010 | A06 | 4.0 | 8.0  | 13.0 | 50 | 100 | PHE850EA4100MA06R17 |
| 0.0012 | A06 | 4.0 | 8.0  | 13.0 | 45 | 100 | PHE850EA4120MA06R17 |
| 0.0015 | A01 | 4.0 | 9.0  | 13.0 | 43 | 100 | PHE850EA4150MA01R17 |
| 0.0018 | A01 | 4.0 | 9.0  | 13.0 | 40 | 100 | PHE850EA4180MA01R17 |
| 0.0022 | A01 | 4.0 | 9.0  | 13.0 | 36 | 100 | PHE850EA4220MA01R17 |
| 0.0027 | A02 | 4.5 | 10.5 | 13.0 | 34 | 100 | PHE850EA4270MA02R17 |
| 0.0033 | A02 | 4.5 | 10.5 | 13.0 | 31 | 100 | PHE850EA4330MA02R17 |
| 0.0039 | A03 | 5.0 | 11.0 | 13.0 | 29 | 100 | PHE850EA4390MA03R17 |
| 0.0047 | A03 | 5.0 | 11.0 | 13.0 | 26 | 100 | PHE850EA4470MA03R17 |
| 0.0056 | A04 | 6.0 | 12.0 | 13.0 | 23 | 100 | PHE850EA4560MA04R17 |
| 0.0068 | A04 | 6.0 | 12.0 | 13.0 | 20 | 100 | PHE850EA4680MA04R17 |
| 0.0068 | A05 | 9.5 | 7.5  | 13.0 | 21 | 100 | PHE850EP4680MA05R17 |

## LEAD SPACING 15 MM

|        |     |      |      |      |     |     |                     |
|--------|-----|------|------|------|-----|-----|---------------------|
| 0.0068 | B04 | 5.5  | 10.5 | 18.0 | 14  | 100 | PHE850EB4680MB04R17 |
| 0.0082 | B04 | 5.5  | 10.5 | 18.0 | 14  | 100 | PHE850EB4820MB04R17 |
| 0.010  | B04 | 5.5  | 10.5 | 18.0 | 13  | 100 | PHE850EB5100MB04R17 |
| 0.012  | B05 | 5.5  | 12.5 | 18.0 | 12  | 100 | PHE850EB5120MB05R17 |
| 0.015  | B15 | 6.0  | 12.0 | 18.0 | 11  | 100 | PHE850EB5150MB15R17 |
| 0.018  | B10 | 6.5  | 12.5 | 18.0 | 10  | 100 | PHE850EB5180MB10R17 |
| 0.022  | B06 | 7.5  | 14.5 | 18.0 | 9.5 | 100 | PHE850EB5220MB06R17 |
| 0.027  | B06 | 7.5  | 14.5 | 18.0 | 8.6 | 100 | PHE850EB5270MB06R17 |
| 0.033  | B12 | 8.0  | 15.0 | 18.0 | 7.8 | 100 | PHE850EB5330MB12R17 |
| 0.039  | B11 | 8.5  | 16.0 | 18.0 | 7.0 | 100 | PHE850EB5390MB11R17 |
| 0.047  | B14 | 9.5  | 17.5 | 18.0 | 6.3 | 100 | PHE850EB5470MB14R17 |
| 0.047  | B17 | 13.0 | 12.5 | 18.0 | 6.3 | 100 | PHE850EH5470MB17R17 |
| 0.056  | B16 | 11.0 | 19.0 | 18.0 | 5.5 | 100 | PHE850EB5560MB16R17 |
| 0.068  | B16 | 11.0 | 19.0 | 18.0 | 4.7 | 100 | PHE850EB5680MB16R17 |

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tance code in mm  $f_o$  dU/dt Article code  
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## LEAD SPACING 22.5 MM

|       |     |      |      |      |     |     |                       |
|-------|-----|------|------|------|-----|-----|-----------------------|
| 0.033 | D13 | 6.5  | 14.5 | 26.0 | 5.7 | 100 | PHE850ED5330MD13R06L2 |
| 0.039 | D13 | 6.5  | 14.5 | 26.0 | 5.4 | 100 | PHE850ED5390MD13R06L2 |
| 0.047 | D13 | 6.5  | 14.5 | 26.0 | 5.0 | 100 | PHE850ED5470MD13R06L2 |
| 0.056 | D17 | 7.0  | 16.5 | 26.0 | 4.7 | 100 | PHE850ED5560MD17R06L2 |
| 0.068 | D17 | 7.0  | 16.5 | 26.0 | 4.3 | 100 | PHE850ED5680MD17R06L2 |
| 0.082 | D15 | 9.0  | 18.5 | 26.0 | 4.0 | 100 | PHE850ED5820MD15R06L2 |
| 0.10  | D18 | 10.5 | 19.0 | 26.0 | 3.6 | 100 | PHE850ED6100MD18R06L2 |
| 0.12  | D18 | 10.5 | 19.0 | 26.0 | 3.3 | 100 | PHE850ED6120MD18R06L2 |
| 0.15  | D16 | 11.0 | 21.5 | 26.0 | 2.8 | 100 | PHE850ED6150MD16R06L2 |
| 0.18  | D20 | 13.5 | 23.0 | 26.0 | 2.5 | 100 | PHE850ED6180MD20R06L2 |
| 0.22  | D20 | 13.5 | 23.0 | 26.0 | 2.3 | 100 | PHE850ED6220MD20R06L2 |

## LEAD SPACING 27.5 MM

|      |     |      |      |      |     |     |                         |
|------|-----|------|------|------|-----|-----|-------------------------|
| 0.15 | F11 | 10.5 | 20.5 | 31.5 | 2.4 | 100 | PHE850EF6150MF11R06L2   |
| 0.15 | F17 | 21.0 | 12.5 | 31.5 | 2.4 | 100 | PHE850ET6150MF17R06L2   |
| 0.18 | F11 | 10.5 | 20.5 | 31.5 | 2.2 | 100 | PHE850EF6180MF11R06L2   |
| 0.22 | F12 | 11.5 | 22.5 | 31.5 | 2.1 | 100 | PHE850EF6220MF12R06L2   |
| 0.27 | F03 | 13.5 | 23.0 | 31.5 | 1.9 | 100 | PHE850EF6270MF03R06L2   |
| 0.33 | F13 | 14.5 | 24.5 | 31.5 | 1.7 | 100 | PHE850EF6330MF13R06L2   |
| 0.39 | F14 | 17.5 | 28.0 | 31.5 | 1.6 | 100 | PHE850EF6390MF14R06L2   |
| 0.47 | F14 | 17.5 | 28.0 | 31.5 | 1.4 | 100 | PHE850EF6470MF14R06L2   |
| 0.47 | F19 | 27.5 | 16.0 | 31.5 | 1.5 | 100 | PHE850ET6470MF19R06L2   |
| 0.56 | F16 | 21.0 | 30.0 | 31.5 | 1.3 | 100 | PHE850EF6560MF16R06L2   |
| 0.68 | F16 | 21.0 | 30.0 | 31.5 | 1.2 | 100 | PHE850EZ6680MF16R06L2 * |

## LEAD SPACING 37.5 MM

|      |     |      |      |      |      |     |                       |
|------|-----|------|------|------|------|-----|-----------------------|
| 0.33 | R05 | 13.0 | 24.0 | 41.0 | 1.2  | 100 | PHE850ER6330MR05R06L2 |
| 0.39 | R05 | 13.0 | 24.0 | 41.0 | 1.1  | 100 | PHE850ER6390MR05R06L2 |
| 0.47 | R05 | 13.0 | 24.0 | 41.0 | 1.1  | 100 | PHE850ER6470MR05R06L2 |
| 0.56 | R04 | 15.0 | 26.0 | 41.0 | 1.0  | 100 | PHE850ER6560MR04R06L2 |
| 0.68 | R02 | 16.5 | 32.0 | 41.0 | 0.94 | 100 | PHE850ER6680MR02R06L2 |
| 0.82 | R02 | 16.5 | 32.0 | 41.0 | 0.88 | 100 | PHE850ER6820MR02R06L2 |
| 1.0  | R03 | 19.0 | 36.0 | 41.0 | 0.81 | 100 | PHE850ER7100MR03R06L2 |

\* Only  $\pm 20\%$  tolerance

## APPROVALS

## Certification Body Specification

|      |                      |
|------|----------------------|
| ENEC | EN/IEC 60384-14:2013 |
| UL   | UL 60384-14          |
|      | CAN/CSA-E60384-14:09 |

## MARKING

- RIFA
- RIFA article code
- Rated capacitance
- Capacitance tolerance code
- Rated voltage
- Y2
- Approval marks
- IEC Climatic category
- Passive flammability class
- Manufacturing date code

## ORDERING INFORMATION

The article code for the standard part is given in the article table.

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute – and we specifically disclaim – any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.