

# SPECIFIKACE / SPECIFICATION / SPEZIFIKATION

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| <br><b>PMEC</b> <sup>®</sup><br>Powder Metallurgy Electronic Components | <br><b>PMEC spol. s r.o.</b><br>nám. Republiky 8, 787 01 Šumperk, Czech Republic<br>Phone 00420 583 216 582<br>www.pmec.cz info@pmec.cz |
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|  |                      |
|--|----------------------|
| TYPOVÉ OZNAČENÍ / ARTICLE NUMBER / ARTIKELNUMMER | DATUM / DATE / DATUM |
|--|----------------------|

|                              |                   |
|------------------------------|-------------------|
| <b>PMEC 102/Ve 27m 0,8 A</b> | <b>2010-09-23</b> |
|------------------------------|-------------------|

|                                   |  |
|-----------------------------------|--|
| POPIS / DESCRIPTION / BEZEICHNUNG |  |
|-----------------------------------|--|

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| <b>Proudově kompenzované odrušovací tlumivky</b><br><b>Current-compensated noise suppression chokes</b><br><b>Stromkompensierte Funkentstördrosseln</b> |  |
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| ROZMĚRY (ZDOLA) / DIMENSIONS (FROM BELLOW) / ABMESSUNGEN (VON UNTEN) |
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|  |  |   |               |  |    |
|--|--|---|---------------|--|----|
|  |  | a | 23,5 max      |  | mm |
|  |  | b | 16,0 max      |  | mm |
|  |  | c | 25,5 ±0,2     |  | mm |
|  |  | d | 20,0 ±0,2     |  | mm |
|  |  | e | 12,5 ±0,2     |  | mm |
|  |  | f | 3,0 ±0,5      |  | mm |
|  |  | g |               |  | mm |
|  |  | φ | 0,6 x 0,6 typ |  | mm |

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|---|
| ELEKTRICKÉ VLASTNOSTI / ELECTRICAL PROPERTIES / ELEKTRISCHE EIGENSCHAFTEN |
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|   |                      |          |            |           |                |
|---|----------------------|----------|------------|-----------|----------------|
| MĚŘICÍ PODMÍNKY<br>TEST CONDITIONS<br>MESSBEDINGUNGEN | 10 kHz, 50 mV, 25 °C | $L_o$    | <b>27</b>  | <b>mH</b> | <b>-30+40%</b> |
|   | < 60 °C              | $I_N$    | <b>0,8</b> | <b>A</b>  | <b>max</b>     |
|   | 25 °C                | $R_{DC}$ | <b>570</b> | <b>mΩ</b> | <b>typ</b>     |
|   |                      |          |            |           |                |

|   |                                       |
|---|---------------------------------------|
| JINÉ VLASTNOSTI / OTHER PROPERTIES / ANDERE EIGENSCHAFTEN | SCHVÁLENO<br>APPROVED<br>KONTROLLIERT |
|---|---------------------------------------|

|                            |                                 |   |                                   |  |
|----------------------------|---------------------------------|---|-----------------------------------|--|
| JÁDRO<br>CORE<br>KERN      | <b>Ferit / Ferrite / Ferrit</b> | KLIMATICKÁ ODOLNOST<br>CLIMATIC CATEGORY<br>KLIMABESTÄNDIGKEIT  | <b>40/125/21</b>                  |  |
| POUZDRO<br>CASE<br>GEHÄUSE | <b>UL94V-0</b>                  | ZKUŠEBNÍ NAPĚTÍ<br>TESTING VOLTAGE<br>PRÜFSPANNUNG              | <b>1500 V<sub>ef</sub>, 50 Hz</b> |  |
| ZALITÍ<br>RESIN<br>VERGUß  | <b>UL94V-0</b>                  | JMENOVITÉ NAPĚTÍ<br>RATED VOLTAGE<br>NENNSPANNUNG               | <b>250 V<sub>ef</sub>, 50 Hz</b>  |  |
| DRÁT<br>WIRE<br>DRAHT      | <b>UL94V-0</b>                  | OTEPLENÍ<br>OVERTEMPERATURE<br>ÜBERTEMPERATUR                   | <b>&lt; 55 °C</b>                 |  |
|                            |                                 | IZOLAČNÍ ODPOR<br>INSULATING RESISTANCE<br>ISOLATIONSWIDERSTAND | <b>50 MΩ, 500 V<sub>DC</sub></b>  |  |
|                            |                                 |   |                                   |  |

THE CHOKES ARE DESIGNED AND TESTED IN ACCORDANCE WITH EN 60938-1.  
 THE CASES ARE OF FLAME-RETARDANT PLASTIC MATERIAL IN ACCORDANCE WITH UL 94V-0.