

# SPECIFIKACE / SPECIFICATION / SPEZIFIKATION

 <b>PMEC</b> <sup>®</sup> Powder Metallurgy Electronic Components <div style="display: flex; justify-content: space-around; align-items: center; margin-top: 5px;"> </div>	<b>PMEC spol. s r.o.</b> nám. Republiky 8, 787 01 Šumperk, Czech Republic Phone 00420 583 216 582 www.pmec.cz info@pmec.cz
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<i>TYPOVÉ OZNAČENÍ / ARTICLE NUMBER / ARTIKELNUMMER</i>	<i>DATUM / DATE / DATUM</i>
<b>PMEC 300/SMD 10u 3,0 A</b>	<b>2013-10-18</b>
<i>POPIS / DESCRIPTION / BEZEICHNUNG</i>	
<b>Akumulační tlumivky / Storage chokes / Speicherdrosseln</b>	

<i>ROZMĚRY (ZDOLA) / DIMENSIONS (FROM BELLOW) / ABMESSUNGEN (VON UNTEN)</i>																											
<p style="text-align: center;"><b>Soldering areas grid</b></p>	<p style="text-align: center;"><b>Parallel connected</b></p>	<p style="text-align: center;"><b>Series connected</b></p>	<table style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 10%;">a</td><td style="width: 15%; text-align: center;"><b>18,0 ±0,2</b></td><td style="width: 15%;">mm</td></tr> <tr><td>b</td><td style="text-align: center;"><b>15,4</b></td><td>mm</td></tr> <tr><td>c</td><td style="text-align: center;"><b>12,6</b></td><td>mm</td></tr> <tr><td>d</td><td style="text-align: center;"><b>8,5</b></td><td>mm</td></tr> <tr><td>e</td><td style="text-align: center;"><b>19,0</b></td><td>mm</td></tr> <tr><td>f</td><td style="text-align: center;"><b>3,3</b></td><td>mm</td></tr> <tr><td>g</td><td style="text-align: center;"><b>10,16</b></td><td>mm</td></tr> <tr><td>h</td><td style="text-align: center;"><b>1,3</b></td><td>mm</td></tr> </table>	a	<b>18,0 ±0,2</b>	mm	b	<b>15,4</b>	mm	c	<b>12,6</b>	mm	d	<b>8,5</b>	mm	e	<b>19,0</b>	mm	f	<b>3,3</b>	mm	g	<b>10,16</b>	mm	h	<b>1,3</b>	mm
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<i>ELEKTRICKÉ VLASTNOSTI / ELECTRICAL PROPERTIES / ELEKTRISCHE EIGENSCHAFTEN</i>						
MĚŘICÍ PODMÍNKY TEST CONDITIONS MESSBEDINGUNGEN	10 kHz, 50 mV, 25 °C	Vinutí paralelně Parallel connected Wicklungen parallel	<b>L<sub>o</sub></b>	<b>10</b>	<b>μH</b>	<b>± 20 %</b>
			<b>I<sub>N</sub></b>	<b>3,0</b>	<b>A</b>	<b>max</b>
			<b>R<sub>DC</sub></b>	<b>20</b>	<b>mΩ</b>	<b>typ</b>
		Vinutí sériově Series connected Wicklungen seriell	<b>L<sub>o</sub></b>	<b>40</b>	<b>μH</b>	<b>± 20 %</b>
			<b>I<sub>N</sub></b>	<b>1,49</b>	<b>A</b>	<b>max</b>
			<b>R<sub>DC</sub></b>	<b>78</b>	<b>mΩ</b>	<b>typ</b>

<i>JINÉ VLASTNOSTI / OTHER PROPERTIES / ANDERE EIGENSCHAFTEN</i>				SCHVÁLENO APPROVED KONTROLLIERT  
JÁDRO CORE KERN	<b>sendust, UL94V-0</b>	KLIMATICKÁ ODOLNOST CLIMATIC CATEGORY KLIMABESTÄNDIGKEIT	<b>40/125/21</b>	
POUZDRO CASE GEHÄUSE	<b>REFLOW SUITABLE PPS UL94V-0</b>	ZKUŠEBNÍ NAPĚTÍ TESTING VOLTAGE PRÜFSPANNUNG	<b>500 V<sub>ef</sub>, 50 Hz</b>	
ZALITÍ RESIN VERGUß	<b>UL94V-0</b>	IZOLAČNÍ ODPOR INSULATING RESISTANCE ISOLATIONSWIDERSTAND	<b>50 MΩ, 500 V<sub>DC</sub></b>	
DRÁT WIRE DRAHT	<b>UL94V-0</b>	OTEPLENÍ OVERTEMPERATURE ÜBERTEMPERATUR	<b>&lt; 55 °C</b>	

THE CHOKES ARE DESIGNED AND TESTED IN ACCORDANCE WITH EN 60938-1.