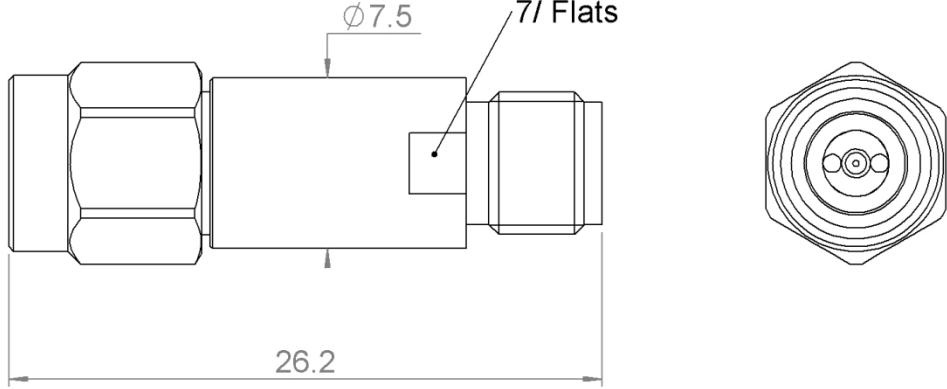
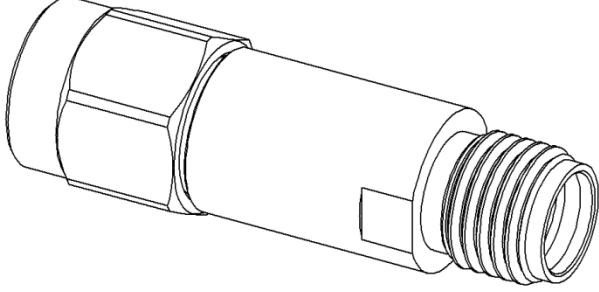
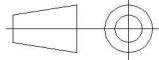
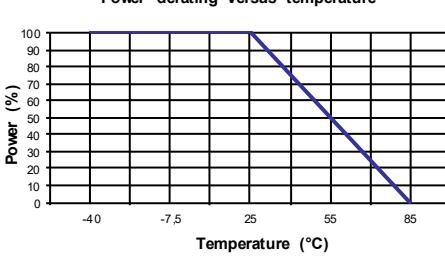


PAGE 1/2	ISSUE 22-04-24B	SERIES DC BLOCK	PART NUMBER <b>R443162000</b>
			
			
			
All dimensions are in mm. Tolerances according ISO 2768 c-K			
Weight ( $\pm 15\%$ ) <b>6,5600</b> g Specification			
COMPONENTS	MATERIALS	PLATING ( $\mu\text{m}$ )	
Body Male center contact Female center contact Outer contact Insulator Gasket Substrate Resistor Others parts	<b>STAINLESS STEEL</b> <b>BRASS</b> <b>BERYLLIUM COPPER</b> <b>STAINLESS STEEL</b> <b>PTFE</b> <b>SILICONE RUBBER</b>  <b>STAINLESS STEEL</b>	<b>PASSIVATED</b> <b>GOLD 1.3 OVER NICKEL 2</b> <b>GOLD 2.5 OVER NICKEL 1</b> <b>PASSIVATED</b>	

PAGE 2/2	ISSUE 22-04-24B	SERIES DC BLOCK	PART NUMBER <b>R443162000</b>												
<u>ELECTRICAL CHARACTERISTICS</u>															
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%;">Frequency (GHz)</td><td style="width: 33%; text-align: center;"><b>0.1 - 18</b></td><td style="width: 33%; text-align: center;"><b>18 - 40</b></td><td></td></tr> <tr> <td>V.S.W.R (<math>\leq</math>)</td><td style="text-align: center;"><b>1.25</b></td><td style="text-align: center;"><b>1.35</b></td><td></td></tr> <tr> <td>Deviation(<math>\pm</math>dB)</td><td style="text-align: center;"><b>0.35</b></td><td style="text-align: center;"><b>0.60</b></td><td></td></tr> </table>				Frequency (GHz)	<b>0.1 - 18</b>	<b>18 - 40</b>		V.S.W.R ( $\leq$ )	<b>1.25</b>	<b>1.35</b>		Deviation( $\pm$ dB)	<b>0.35</b>	<b>0.60</b>	
Frequency (GHz)	<b>0.1 - 18</b>	<b>18 - 40</b>													
V.S.W.R ( $\leq$ )	<b>1.25</b>	<b>1.35</b>													
Deviation( $\pm$ dB)	<b>0.35</b>	<b>0.60</b>													
Operating Frequency Range		<b>0.1 - 40</b>	GHz												
Impedance		<b>50</b>	$\Omega$												
Main line voltage		<b>100</b>	V												
Typical capacitance		<b>180</b>	pF												
Average power at 25°C		<b>10</b>	W (Free Air Cooled)												
			W (Conduction Cooled)												
<u>MECHANICAL CHARACTERISTICS</u>															
Connectors	<b>SMA 2.9</b>	Male Female	<b>MIL C39012</b>												
<u>ENVIRONMENTAL CHARACTERISTICS</u>															
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Operating temperature range</td><td style="width: 50%; text-align: center;"><b>-40/+85</b> °C</td></tr> <tr> <td>Storage temperature range</td><td style="text-align: center;"><b>-40/+85</b> °C</td></tr> </table>		Operating temperature range	<b>-40/+85</b> °C	Storage temperature range	<b>-40/+85</b> °C										
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Storage temperature range	<b>-40/+85</b> °C														
<u>Power derating Versus temperature</u>															
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Temperature (°C)	-40	-7.5	25	55	85										
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<u>SPECIFICATION</u>															
<u>OTHER CHARACTERISTICS</u>															