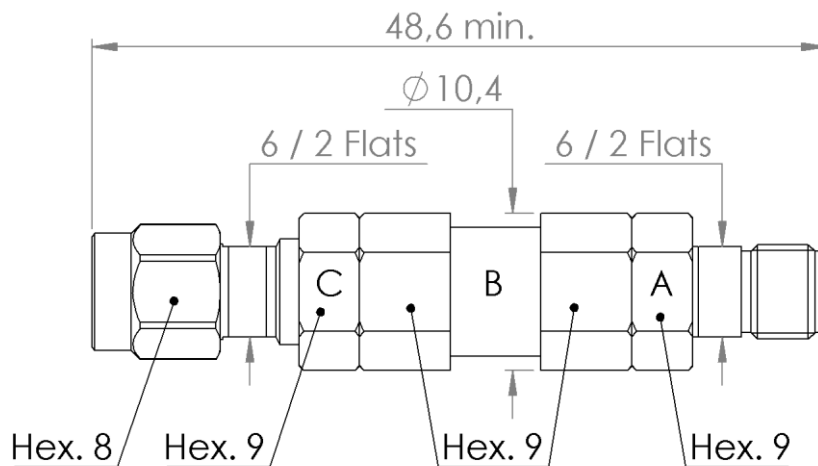


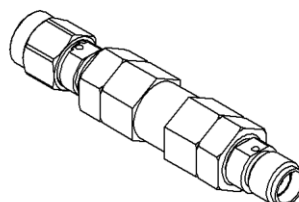
PAGE 1/2	ISSUE <b>02-02-18B</b>	SERIES <b>PHASE SHIFTER</b>	PART NUMBER <b>R499100000</b>
----------	------------------------	-----------------------------	-------------------------------

**SCALE 2 : 1**

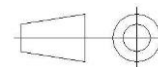


**INSTRUCTION FOR USE :**

- Free A from B
- Free C from B
- Adjust phase by rotating B
- Lock A to B without rotating B
- Lock C to B



All dimensions are in mm. Tolerances according ISO 2768 m-H



Weight            **18,0000** g

PAGE 2/2	ISSUE <b>02-02-18B</b>	SERIES <b>PHASE SHIFTER</b>	PART NUMBER <b>R499100000</b>
----------	------------------------	-----------------------------	-------------------------------

**ELECTRICAL CHARACTERISTICS**

Operating Frequency Range	<b>DC - 18</b>	GHz
Impedance	<b>50</b>	Ω
VSWR DC-18	<b>1.05 + 0.014 x F(GHz)</b>	
Insertion Loss	<b>0.1 x SQR(F)</b>	dB
Maximum Shift Range	<b>10° x F (GHz)</b>	°
Phase Shift Range per Rotation	<b>0.6° x F (GHz)</b>	°
Peak power at 25°C (1μs, 1%)	<b>200</b>	W
Average power at 25°C	<b>40</b>	W (Free Air Cooled)

**MECHANICAL CHARACTERISTICS**

Connectors	<b>SMA</b>	<b>Male Female</b>	<b>MIL-C 39012</b>
Max Length Variation	<b>8,6</b>	mm	

**ENVIRONMENTAL CHARACTERISTICS**

Operating temperature range	<b>-40/+85</b> °C
Storage temperature range	<b>-55/+85</b> °C