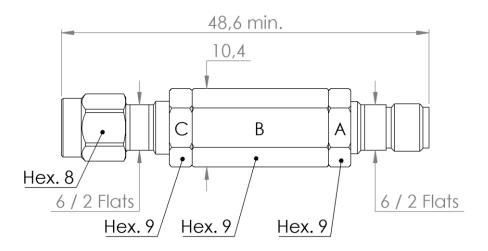




PHASE SHIFTER SMA M SMA F DC - 18 GHZ

PAGE 1/2 ISSUE 18-01-19B SERIES PHASE PART NUMBER R499103000 SHIFTER

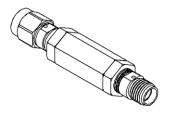
SCALE 2:1



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

SCALE 1:1



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



Weight

18,81 g



Technical Data Sheet

PHASE SHIFTER SMA M SMA F DC - 18 GHZ

| PAGE 2/2 | ISSUE 18-01-19B | SERIES PHASE | PART NUMBER R499103000 |
|-----------------|------------------------|---------------------|-------------------------------|
| 17.02 2/2 | 10002 10 01 102 | SHIFTER | FAINT NOWDER 1493103000 |

ELECTRICAL CHARACTERISTICS

| Operating Frequency Range | DC - 18 | GHz |
|--------------------------------|-----------------------|---------------------|
| Impedance | 50 | Ω |
| VSWR DC-18 | 1.05 + 0.014 x F(GHz) | |
| Insertion Loss | 0.1 x SQR(F) | dB |
| Maximum Shift Range | 10° x F (GHz) | 0 |
| Phase Shift Range per Rotation | 0.6° x F (GHz) | 0 |
| Peak power at 25°C (1µs, 1‰) | 200 | W |
| Average power at 25°C | 40 | W (Free Air Cooled) |

MECHANICAL CHARACTERISTICS

| Connectors | SMA | Male Female | MIL-C 39012 |
|----------------------|-----|-------------|-------------|
| Max Length Variation | 8,6 | mm | |

ENVIRONMENTAL CHARACTERISTICS

| Operating temperature range | -40/+85 | °C |
|-----------------------------|---------|----|
| Storage temperature range | -55/+85 | °C |