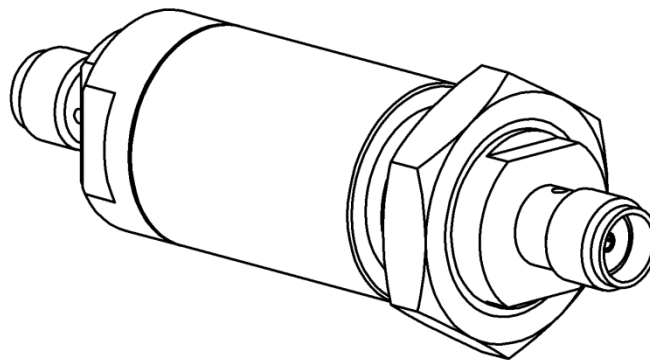
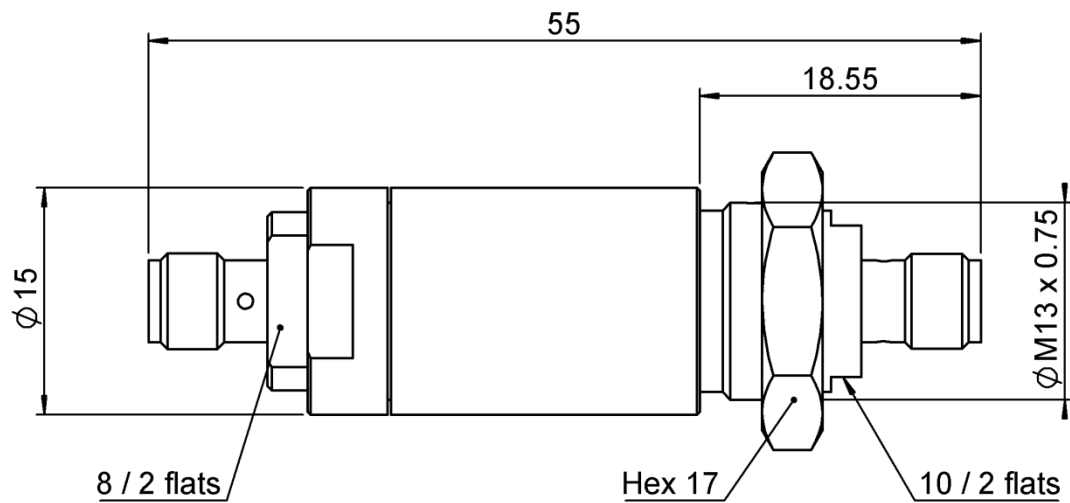
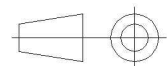


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All dimensions are in mm. Tolerances according ISO 2768 c-K

Weight ($\pm 15\%$) **46,5800 g**
Specification



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SERIES
ROTARY JOINT

PART NUMBER **R447120000**
RF CHARACTERISTICS

FREQUENCY RANGE	: 0 – 18 GHz
IMPEDANCE	: 50 Ohms
V.S.W.R	0 – 12.4 GHz : <= 1.30
V.S.W.R	12.4 – 18 GHz : <= 1.50
WOW ON V.S.W.R	: <= 1.02
INSERTION LOSS	0 – 12.4 GHz : <= 0.30 dB
INSERTION LOSS	12.4 – 18 GHz : <= 0.60 dB
AVERAGE POWER	: 50 W CW
PEAK POWER at 25°C	: 1 kW (1μS 1%)

MECHANICAL CHARACTERISTICS

CONNECTORS	: SMA Female per MIL C39012
MAXIMUM ROTATION SPEED	: 300 rpm
LIFE	: 2 10 ⁶ rotations
MAXIMUM ROTATION TORQUE	: 3 cm.N

ENVIRONMENTAL CHARACTERISTICS

OPERATING TEMPERATURE RANGE (°C)	: -40 / +85
VIBRATION	MIL STD 202 : 10 – 55 Hz / 10 g
SHOCK	MIL STD 202 : 50 g / 11 mS / half-sine