

UW-119-P

DESCRIPTION:

Amplifier UW-119-P is used in the 9A33BM2 and 9A33BM3 systems. It replaces the tube amplifier UW 119.

It serves for amplification of microwave signals in Ku band with possibility of pulse change of gain. It is protected by a solid-state limiter with ferrite circulator and discharge tube switch. It can operate with input pulse power up to 1kW.

Environment:

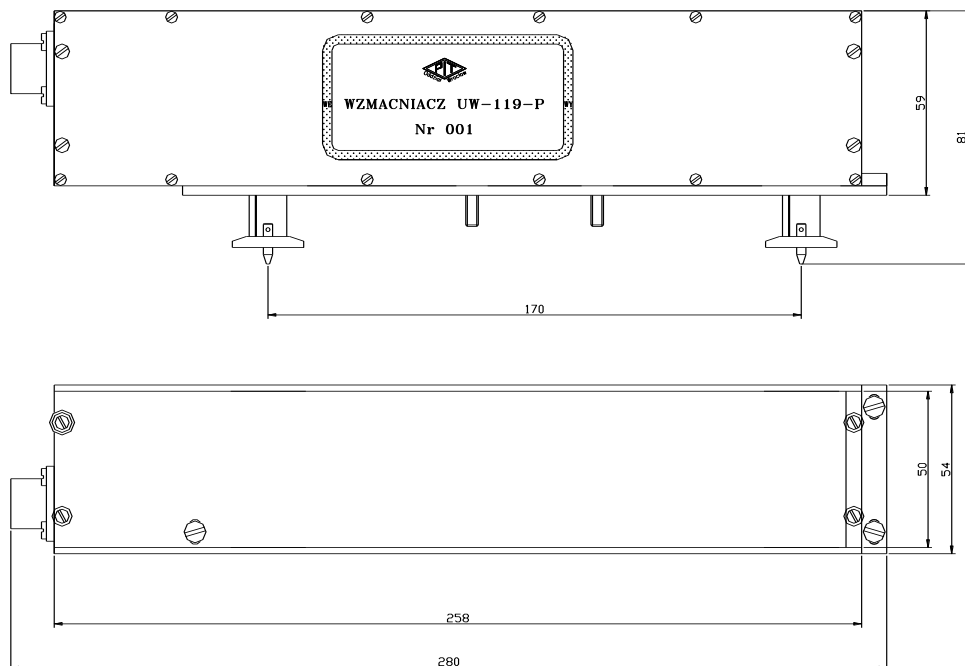
Operational temperature:	-40 ↓ / +60 ↓
Humidity	98% / +25 ↓
Vibration	20 m/s ² / 30 Hz
Shocks	100 m/s ²

Basic electrical parameters:

Operational bandwidth:	4 ÷ 16 GHz
Gain:	G ≥ 40 dB
Noise figure:	NF ≤ 5 dB (max) NF ≤ 4 dB (typical)
VSWR:	≤ 2.5
Power supply:	+27 V / -15 V

Additional information:

The amplifier UW-119-P has waveguide input and output which allows direct replacing of tube amplifiers .



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