

### STANDARD MODELS

Model	Part Number	Frequency Range	Output Power $P_N$ min dBm	Gain min / typ dB	Noise Figure dB	Dimensions (L, W, H) mm	Weight kg
BLMA 2640-5F	10006916	26.5 ... 40 GHz	+8	47 / 50 ±3	3	161 / 93 / 65	1



Dimensions without connectors  
Technical drawing(s) on next page(s)

### STANDARD SPECIFICATIONS

Input Impedance:	50 Ohm nominal
Output Impedance:	50 Ohm nominal
Load VSWR:	<2.5:1 typ.
Spurious:	-60 dBc min. (excluding harmonics)
Harmonics:	-20 dBc
Class of Operation:	A-linear

### GENERAL

RF Input:	<18 GHz	precision N-m
	>18 GHz	horn antenna
RF Output:	<18 GHz	precision N-f
	>18 GHz	2.92 mm-f
Mains Supply:	210 ... 240 V AC, 47 ... 63 Hz	
Power Consumption:	<10 W	
Conformity:	CE (EN 55022, CISPR 22)	
Ambient Temperature:	0 ... +45 °C	
Storage Temperature:	-25 ... 85 °C	
Relative Humidity:	up to 95% (non-condensing)	
Operating Altitude:	up to 2000 m above sea level	
Vibration and Shock:	MIL-STD-810 G	

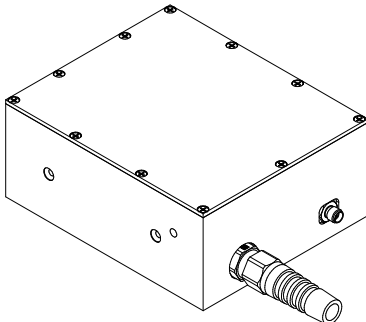
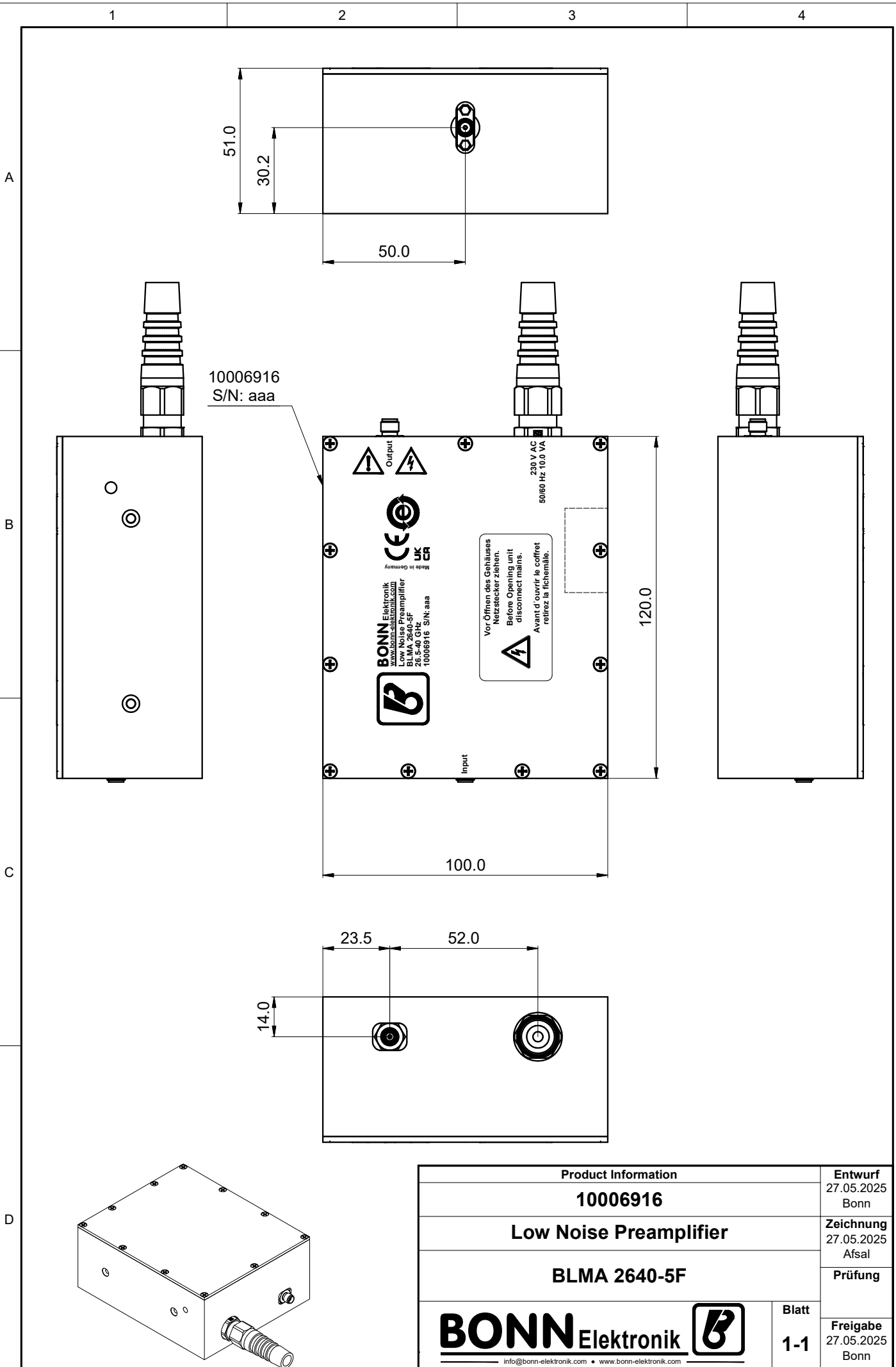
### REMARKS


-1A: CISPR, FCC, MIL, EN	for civil applications
-A: CISPR, FCC, MIL, EN	for basic laboratory measurements (economic)
-M: MIL-461, MIL-285	for MIL-compliant measurements

K) Battery Powered

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Product Information		Entwurf
10006916		27.05.2025 Bonn
Low Noise Pre-amplifier		Zeichnung
BLMA 2640-5F		27.05.2025 Afsal
BONN Elektronik 		Prüfung
Blatt	1-1	Freigabe
info@bonn-elektronik.com • www.bonn-elektronik.com		27.05.2025 Bonn