

## KU LNA 222 AH

### Super Low Noise Amplifier

2200 ... 2400 MHz



#### Specifications

Type	KU LNA 222 AH
Frequency range	2200 ... 2400 MHz
Noise figure @ 18 °C	typ. 0.5 dB @ 2250 MHz max. 0.6 dB @ 2250 MHz
Gain	typ. 30 dB
Maximum RF input power	1 mW
Output IP3	typ. +27 dBm
Supply voltage	+9 ... 15 V DC
Current consumption	typ. 80 mA
Input connector / impedance	SMA-female, 50 ohms
Output connector / impedance	SMA-female, 50 ohms
Case	milled aluminium
Dimensions (mm)	73 x 30 x 20
Weight	typ. 90 g

#### Features

- Low noise figure
- High IP3
- Reverse polarity protection
- Solder pin for direct power supply
- Small mechanical dimensions
- Remote power supply via output connector

#### Applications

- Analog and digital transmission systems
- Measurement and laboratory equipment

#### Accessories

- Bias-T (for remote power supply)

#### Important notes

- Amplifier does not contain a coaxial relay!
- Maximum input power 1 mW

	5	6	7	8																																																											
A																																																															
B																																																															
C																																																															
O																																																															
D																																																															
E	<div style="text-align: right;">  ±1,0 </div>																																																														
F	<table border="1"> <tr> <td colspan="3">Oberfläche roh / chromatiert</td> <td colspan="3">Rohm./Halbzeug</td> </tr> <tr> <td colspan="2">Masstab 1:1</td> <td colspan="2">Det. Masstab</td> <td colspan="2">Toleranz ±1,0</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td>Datum</td> <td>Name</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td>Bearb. 25.11.2010</td> <td>Vico</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td>Gepr.</td> <td rowspan="2"> </td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td>Freig.</td> </tr> <tr> <td colspan="3" rowspan="4"> </td> <td colspan="3">MKU LNA 222AH</td> </tr> <tr> <td colspan="3">MKULNA222AH</td> <td>Blatt 1</td> </tr> <tr> <td colspan="3"></td> <td>von 1</td> </tr> <tr> <td colspan="3">Schutzvermerk nach DIN 34 beachten</td> <td></td> </tr> <tr> <td>Zust.</td> <td>Änderung</td> <td>Datum</td> <td>Name</td> <td colspan="2"></td> </tr> </table>				Oberfläche roh / chromatiert			Rohm./Halbzeug			Masstab 1:1		Det. Masstab		Toleranz ±1,0						Datum	Name					Bearb. 25.11.2010	Vico					Gepr.						Freig.				MKU LNA 222AH			MKULNA222AH			Blatt 1				von 1	Schutzvermerk nach DIN 34 beachten				Zust.	Änderung	Datum	Name		
Oberfläche roh / chromatiert			Rohm./Halbzeug																																																												
Masstab 1:1		Det. Masstab		Toleranz ±1,0																																																											
				Datum	Name																																																										
				Bearb. 25.11.2010	Vico																																																										
				Gepr.																																																											
				Freig.																																																											
			MKU LNA 222AH																																																												
			MKULNA222AH			Blatt 1																																																									
						von 1																																																									
			Schutzvermerk nach DIN 34 beachten																																																												
Zust.	Änderung	Datum	Name																																																												