



ROHS-Compliant Product

# TCXO-G300 Series

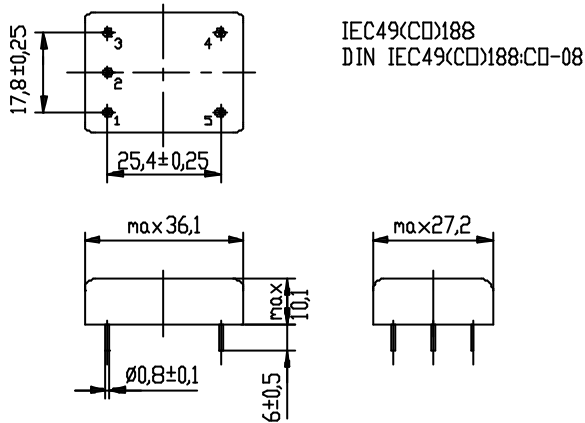


1. Specification				
Type:	<b>G301</b>	<b>G321</b>	<b>G302</b>	<b>G322</b>
Frequency range:	5 ... 35 MHz			
Frequency stability vs. temp. 0°C . + 50°C:	< ± 0.5 ppm		< ± 1 ppm	
Frequency stability vs. supply changes $U_B \pm 5\%$ : vs. load changes $\pm 5\%$ :	< ± $1 \times 10^{-7}$ < ± $1 \times 10^{-7}$			
Aging :	± 1 ppm / year			
Frequency correction: Option C: Option U:	± 5 ppm by external trimmer 20 kOhm ± 5 ppm by internal trimmer ± 5 ppm by ext. voltage 0 ... 1 V			
Supply voltage $U_B$ :	12 V ± 10 %			
Max. current consumption f < 20 MHz: f > 20 MHz:	8 mA 10 mA			
Output voltage : level min: High; Low voltage: load : duty cycle:	Sinus 3V <sub>pp</sub> - 500 Ω -	Sinus 0dBm - 50 Ω -	Sinus 3V <sub>pp</sub> - 500 Ω -	Sinus 0dBm - 50 Ω -
Temperature ranges Operating: Operable: Storage:	0°C ... + 50°C -5°C ... + 60°C -55°C ... + 105°C			
2. Environmental conditions				
According to KVG Product Qualification Procedure AA-QM-200				
3. Marking				
Manufacturer's name, date code(week/year) Specification Center frequency				

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1	TCXO-G300 series	09.07.96	H.-J. Herzog	
ED	Description	Date	Name	

## 4. Case

### Case style: BF-9



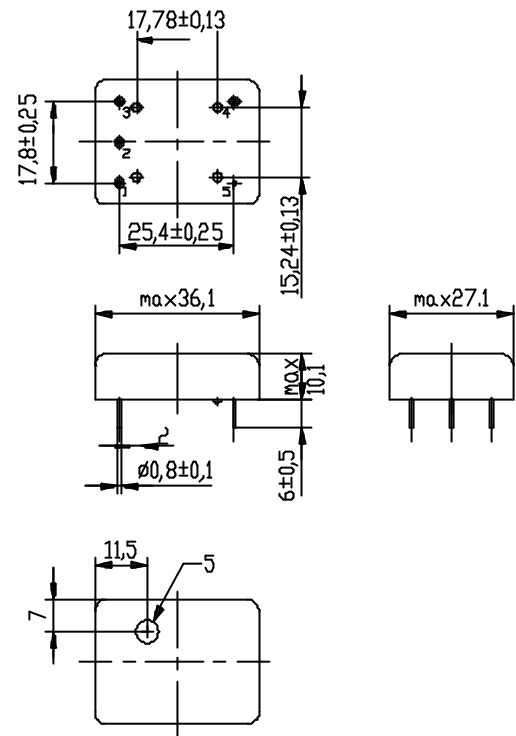
### 1. Pin configuration

1. Trimmer, SL
2. Trimmer, CW
3. Supply voltage  $U_B$
4. RF-output
5. Ground, case, trimmer

### Option U

1. Pulling voltage  $U_z$
2. N.C.
3. Supply voltage  $U_B$
4. RF-output
5. Ground, case

### Case style: BF-791S



### Option C

1. N.C.
2. N.C.
3. Supply voltage  $U_B$
4. RF-output
5. Ground, case

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