



ROHS-Compliant Product

TCXO-F300 Series

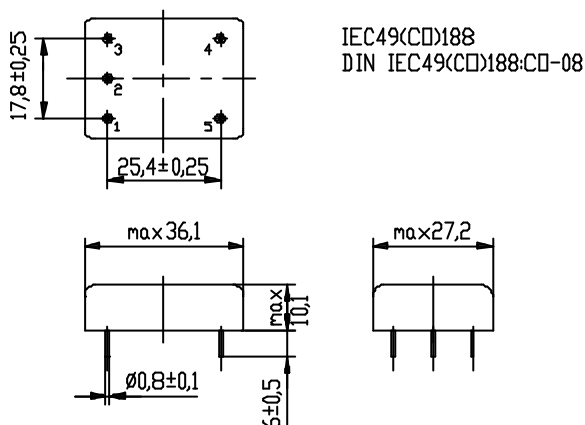


1. Specification						
Type:	F301	F321	F311	F302	F322	F312
Frequency range:	5 ... 35 MHz		3 kHz-35MHz	5 ... 35 MHz		3 kHz-35MHz
Frequency stability vs. temp. 0°C . + 50°C:	< ± 0.5 ppm			< ± 1 ppm		
Frequency stability vs. supply changes $U_B \pm 5\%$: vs. load changes $\pm 5\%$:	< ± 1×10^{-7} < ± 1×10^{-7}					
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 :	5 V ± 5 %					
Max. current consumption f < 20 MHz: f > 20 MHz:	8 mA 10 mA	8 mA 10 mA	15 mA 20 mA	8 mA 10 mA	8 mA 10 mA	15 mA 20 mA
Output voltage : level min: High; Low voltage: load : duty cycle:	Sinus 3V _{pp} - 500 Ω -	Sinus 0dBm - 50 Ω -	HCMOS 4; 0.4V 40/60%	Sinus 3V _{pp} - 500 Ω -	Sinus 0dBm - 50 Ω -	HCMOS 4; 0.4V 40/60%
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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2				
1	TCXO-F300 series	09.07.96	H.-J. Herzog	
ED	Description	Date	Name	

4. Case

Case style: BF-9



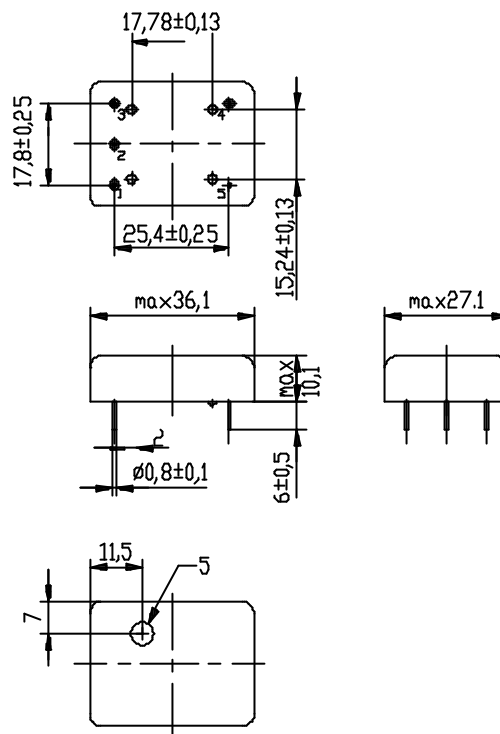
1. Pin configuration

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-79IS



Option C

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

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