



ROHS-Compliant Product

TCXO-G1xx Series

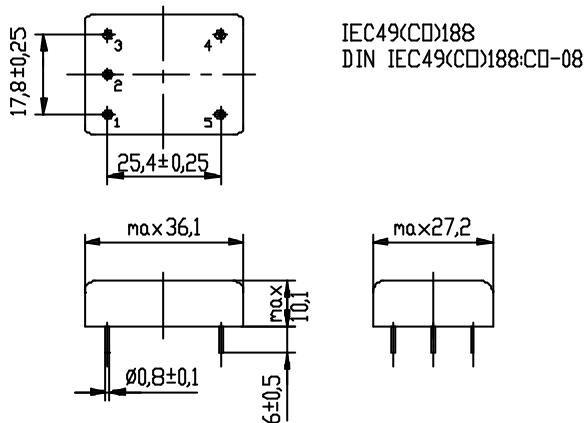


1. Specification				
Type:	G101	G121	G102	G122
Frequency range:	5 ... 35 MHz			
Frequency stability vs. temp. - 40°C . + 80°C:	< ± 2 ppm		< ± 3 ppm	
Frequency stability vs. supply changes $U_B \pm 5\%$: vs. load changes $\pm 5\%$:	< ± 1x10 ⁻⁷ < ± 1x10 ⁻⁷			
Aging :	± 1 ppm / year			
Frequency correction: 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 _{pp} - 500 Ω -	Sinus 0dBm - 50 Ω -	Sinus 3V _{pp} - 500 Ω -	Sinus 0dBm - 50 Ω -
Temperature ranges Operating: Operable: Storage:	-40°C ... + 80°C -45°C ... + 85°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				

4				KVG Quartz Crystal Technology GmbH P.O.Box 61 D-74924 Neckarbischofsheim Tel. +49 (0) 7263 / 648-0 Fax. +49 (0) 7263 / 6196
3				
2				
1	TCXO-G100 series	09.07.96	H.-J. Herzog	
ED	Description	Date	Name	

4. Case

Case style: BF-9



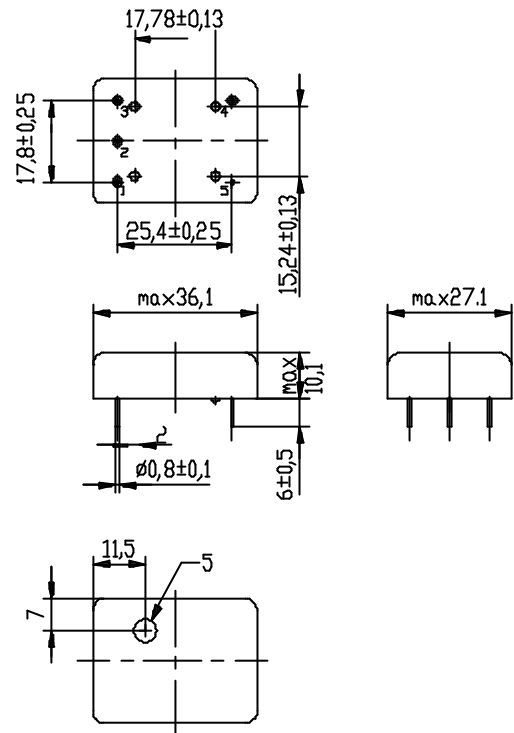
1. Pin configuration

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

4				KVG Quartz Crystal Technology GmbH
3				P.O.Box 61
2				D-74924 Neckarbischofsheim
1	TCXO-G100 series	09.07.96	H.-J. Herzog	Tel. +49 (0) 7263 / 648-0
ED	Description	Date	Name	Fax. +49 (0) 7263 / 6196