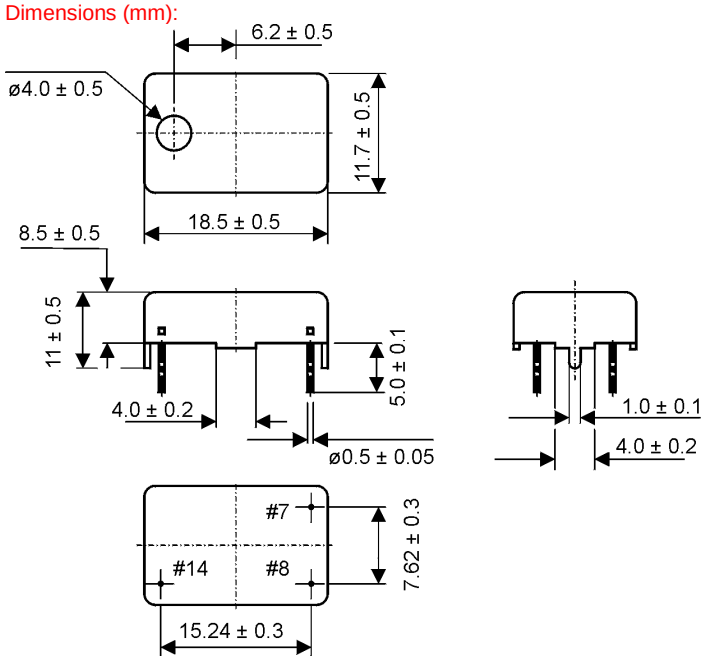
RoHS 2011/65/EU compliant | REACH compliant | Conflict minerals free

GEYER quartz technology

TCXO Temperature Compensated Crystal Oscillator

model		KXO-900
output		TTL/HCMOS
frequency range		1,2 ~ 100,0 MHz
output	load	10 TTL or 15pF max.
	level	High TTL: +2,4 V DC min. CMOS: V_{DD} -0,5 V DC min.
		Low TTL: +0,4 V DC max. CMOS: +0,5 V DC max.
frequency stability	vs. temp.range	±1,5 ~ ± 5 ppm at -10°C ~ +60°C ±2,0 ~ ± 5 ppm at -20°C ~ +70°C ±3,5 ~ ± 5 ppm at -40°C ~ +85°C
	vs. input voltage	± 0,5 ppm max.
	vs. load	± 0,3 ppm max
	vs. aging	± 1,0 ppm / year max.
operating temperature range		standard -10°C ~ +60°C available -20°C ~ +70°C available -40°C ~ +85°C
input voltage		+5,0V DC ± 5%
input current max.		1,2 ~ 27,0 MHz 20 mA 27,001 ~ 100,0 MHz 35 mA
frequency adjustment by internal trimmer		± 3 ppm min.
rise and fall time		5 ns max.
duty cycle		50% ± 10% max.
storage temperature		-40°C ~ +85°C
pin connection		# 7 : GND # 8 : OUTPUT #14 : V_{DD}
size l/w/h		18,5 x 11,7 x 8,5mm
part no.		12.xxxxx

Dimensions (mm):



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