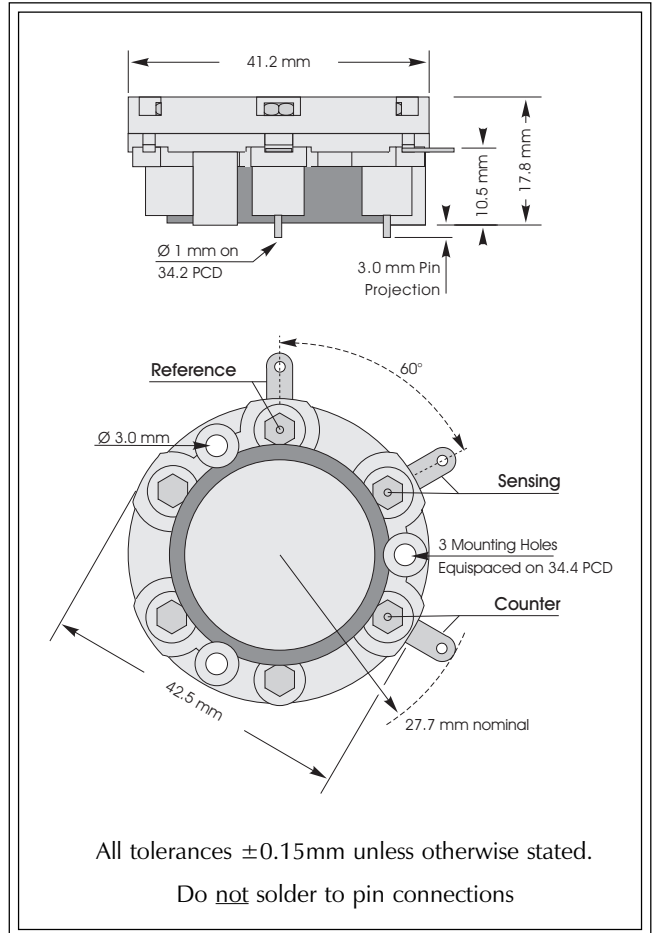




3ETO CiTiceL[®]

Performance Characteristics

Nominal Range	0-20ppm
Maximum Overload	100ppm
Expected Operating Life	Two years in air
Output Signal	2.75 ± 0.5 µA/ppm
Resolution	0.1ppm
Temperature Range	-20°C to +50°C
Pressure Range	Atmospheric ± 10%
Pressure Coefficient	No data
T₉₀ Response Time	<140 seconds
Relative Humidity Range	15% to 90% non-condensing
Typical Baseline Range (pure air)	0 to +1ppm equivalent
Maximum Zero Shift (+20°C to +40°C)	2ppm equivalent
Long Term Output Drift	<5% signal loss/year
Recommended Load Resistor	10Ω
Bias Voltage	+300mV
Repeatability	1% of signal
Output Linearity	Linear



N.B. All performance data is based on conditions at 20°C, 50%RH, and 1013mBar

Physical Characteristics

Weight	22g
Position Sensitivity	None
Storage Life	Six months in CTL container
Recommended Storage Temperature	0-20°C
Warranty Period	12 months from date of despatch

Cross-sensitivity

The following cross-sensitivities have been measured on the 3ETO and 7ETO:

Ethanol	≈55%	Methyl-ethyl-ketone	≈10%
Toluene	≈20%	Carbon monoxide	≈40%

Ordering Information

The 3ETO Ethylene Oxide CiTiceL is supplied with both gold-plated PCB pin and side tag connections



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