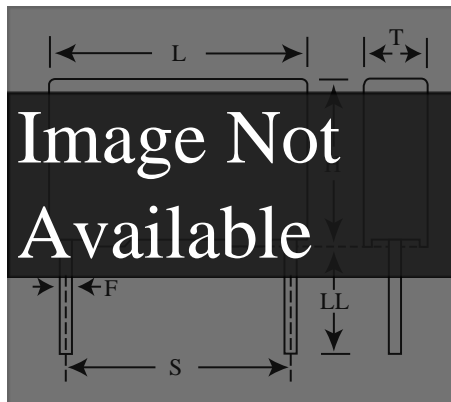


KEMET, QGS, Gas Detection, SMD, Infrared, Small SMD Package, 12C Communication Compatible, High Dynamic Range



General Information	
Series:	QGS
Type:	Gas Detection
Style:	SMD
Description:	Evaluation Kit
Features:	Small SMD Package, 12C Communication Compatible, High Dynamic Range
RoHS:	With Exemptions
REACH:	SVHC (Pb – CAS 7439-92-1)
Qualifications:	REACH
MSL:	3

Specifications	
Temperature Range:	-40/+85°C
Power Supply Voltage:	1.75 - 3.6 V
Current:	1 - 23 uA (Supply Current, Typical)
Miscellaneous:	Includes 1 sensor: USEQGSEAC82180.
D*:	$2.5 \times 10^8 \text{ cm sqrt(Hz)/ W}$
NEP:	$2.7 \times 10^{-10} \text{ W/sqrt(Hz)}$
Time Constant:	10ms (10-20 Hz peak)
Field of View:	90 degrees
Element Size:	0.64mm x 0.64mm