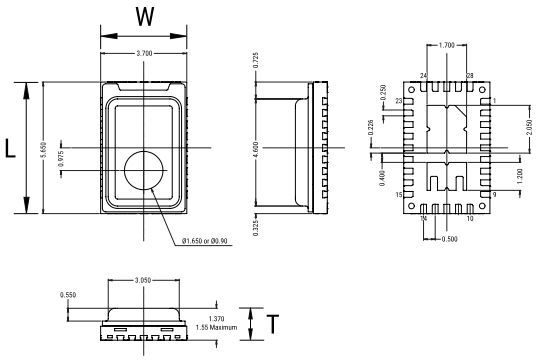
KEMET Part Number: USEQGSEAC82180

(USEQGSEAC82180)

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:	12C
Features:	Small SMD Package, 12C Communication Compatible, High Dynamic Range
RoHS:	With Exemptions
REACH:	SVHC (PZT – CAS 12626-81-2)
SCIP Number:	bc4e3452-d0d0-4c97-93bd-778b4e41f2f2
Qualifications:	REACH
MSL:	3

Dimensions	
L	5.65mm NOM
W	3.7mm NOM
T	1.55mm MAX

Specifications	
Temperature Range:	-40/+85°C
Power Supply Voltage:	1.75 - 3.6 V
Current:	1 - 23 uA (Supply Current, Typical)
D*:	2.5 x 10^8 cm sqrt(Hz)/ W
NEP:	2.7 x 10^-10 W/sqrt(Hz)
Time Constant:	10ms (10-20 Hz peak)
Field of View:	90 degrees
Element Size:	0.64mm x 0.64mm
Filter:	4.26um, BW: 180nm, Gas: CO2

Packaging Specifications	
Packaging:	T&R, 178mm
Packaging Quantity:	800
Weight:	70 mg

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