

Quartz Accelerometer

FEATURES

- High Precision
- Analog Output
- Wide Measuring Range
- High Reliability and Stability
- Temp. Output Available

APPLICATIONS

- Navigation System
- Petroleum Drilling
- Microgravity Measurement
- Aerospace System
- Military Vehicle

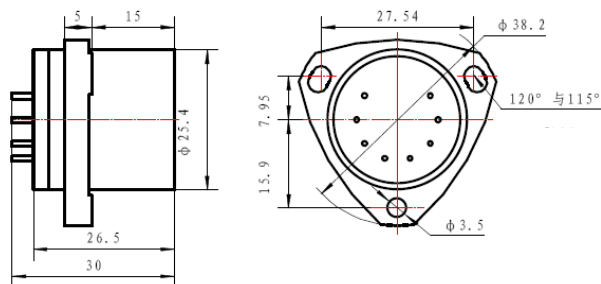


SPECIFICATIONS

Parameter	Unit	Value
Range	g	±20, ±30, ±40, ±50, ±60
Bias	mg	≤5
Bias Temp. Sensitivity	ug/°C	30
Bias Stability (3 Months)	ug	30
Scale Factor	mA/g	1.1~1.5
Scale Factor Temp. Sensitivity	ppm/°C	50
Scale Factor Stability (3 Months)	ppm	30
Second order Nonlinearity	ug/g ²	20
Second order Nonlinearity Stability (3 Months)	ug/g ²	10
Natural Frequency	Hz	800
Vibration	g, Hz	10g (20~2000Hz)
Shock	g, ms	100g, 4ms, 1/2sin
Operating Temperature	°C	-5~80
Weight	g	80
Resolution	ug	5
Operating Voltage	V	+/-12~+/-18

Note: 1. Product with other specifications are also available per request.

DIMENSION DRAWING



ORDERING INFORMATION

SQAR-	NN	-	N
	Range		Temp. Output
	20=±20g		W=With Temp. Output
	50=±50g		N=None