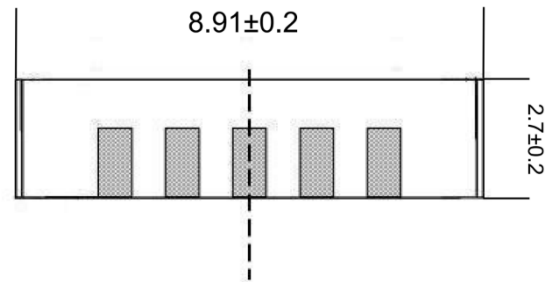
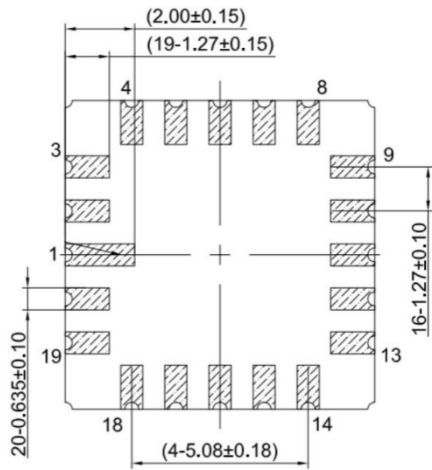


BS-IL200-M-D6CS is a MEMS inertial measurement unit (IMU)

- Digital output
- Configurable ranges
- High impact resistance
- Dimensions are 8.91x8.91x2.7 mm

	Parameter	Min.	Typ.	Max.	Unit
Accelerometer	Dynamic range		±2		g
			±4		
			±8		
			±16		
	Zero bias		35		Mg
	Zero bias temperature coefficient		0.3		Mg/k
	Spectral noise density		180		μg/√Hz
Non-linearity		0.1		%FS	
Gyroscope	Dynamic range		±125		°/s
			±250		
			±500		
			±1000		
			±2000		
	Zero bias		1		°/s
	Zero bias temperature coefficient		0.04		°/s/K
Spectral noise density		0.007		°/s/√Hz	
Non-linearity		0.15		%	
Electrical parameters	Voltage	-0.3V		4	V
Environment conditions	Working temperature	-40		+85	°C
	Storage temperature	-50		+85	°C
	Impact		10000		g



C O N T A C T
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