

Performance Parameters

Parameter	Minvalue	Typical value	Maxvalue	Unit	Test Conditions
Powered by					
Input Voltage	±4.75	±5	±5.25	V	-
Working Current	-	0.35	1.2	A	-
Gyro Angular Rate Sensing					
Range	-	±400	-	°/s	GJB2426
Bandwidth	-	200	-	Hz	-3dB
Non-linearity	-	3	-	ppm	FS=±500°/s
Angular Random Walk Coefficient	-	0.01	-	°/√h	
Start Time	-	3	-	s	
Impact Resistance	-	100	-	g	0.5ms half sine, 3 axes
Zero bias					
Bias Stability	-	0.2	-	°/h	Standard deviation (10s average)
Full Temperature Bias Stability	-	0.5	-	°/h	-40°C~+65°C
Zero Bias Repeatability	-	0.2	-	°/h	
Bias Vibration Sensitivity	-	0.5	-	°/h	
Scale factor					
Scale Factor Nonlinearity	-	50	-	ppm	
Scale Factor Repeatability	-	50	-	ppm	

Environmental requirements

Operating Temperature	-40~+60 (°C)
Storage Temperature	-50~+85 (°C)
vibration Condition	Power spectral density 4.2, 20~2000 (g, Hz)

Physical Properties

Size	50x50x32 (mm)
Weight	≤110 (g)