

G-3040

Miniature, lightweight, one axis measuring, two-axis free gyroscope actuated by spring stored energy. Operates for at least 120 seconds. Specially designed to meet the need for short range, high acceleration missions. The G-3040 has a single potentiometer on the outer gimbal. Inner and outer gimbal have freedom of 360°. A remote electrical pulse is used to actuate a pressure squib for uncaging the spring. Suitable in particular for man-portable anti-armor / anti-tank missiles, as well as air-to-surface missiles, and for many other applications.



Specifications

Max Drift (Scorsby /Random vibration)		
Time	Outer	
30 sec	0.5º	
60 sec	1.1º	
90 sec	1.6º	
120 sec	2.2º	
Conductive Potentiometer Pickoff		
Active Range	±120º	
Resistance	7.2 kOhm ±5%	
Linearity	<0.5%	

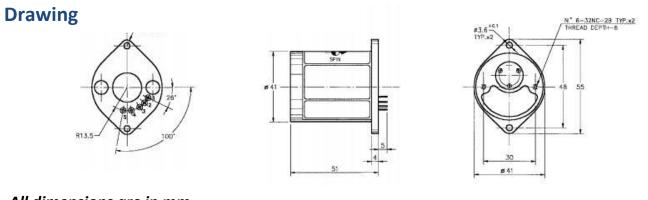
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Specifications

Uncaging & Ready Time		
Uncage Current	2.5 AMP. Min	
Ready Time	<150 msec	
Environmental		
Temperature	-40 to +85 ºC	
Shock	50 G, 100 msec/ all axes	
Random Vibration		
Non-Operating	8.0 GRMS	
Operational	1.7 GRMS	
Weight		
165	gm	



All dimensions are in mm

For Additional Information

To learn more about the G-3040 Free Gyroscope

Or other MTC products,

Contact MTC on +972 4 998 7772 or email marketing@mtcind.com

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