

Sensors > Gyro Sensors

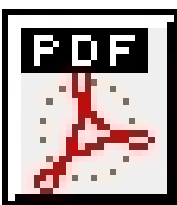
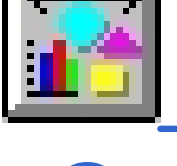
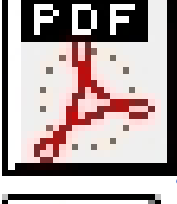
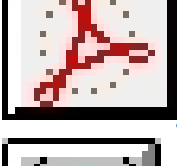
How to check EU RoHS Compliant of Our Products is [here](#).

Product Lifecycle Stage	in Production
Recommended Rank	Preferred

Specification

Global Part Number	MEV-50A-R
Previous Part Number	
Supply Voltage	5 Vdc +/-0.25
Current Consumption (max.)	8mA
Maximum Angular Velocity	+/-70deg./sec.
Output (at Angular Velocity=0)	2.5Vdc +/-0.3
Scale Factor	25.0mV/deg./sec.
Resolution	0.1deg./sec.
Temp. Coefficient of Scale Factor	+/-4% at -40~+85° C
Linearity	0.5%FS
Offset Drift (max.)	6deg./sec.
Response (max.)	
Noise Level (max.)	10mVp-p
Min. of Operating Temp. Range	-40°C
Max. of Operating Temp. Range	85°C
Min. of Storage Temp. Range	-40°C
Max. of Storage Temp. Range	95°C
Weight (g) (max.)	1.5g

Details

- ?  [Part Numbering](#)
- ?  [Appearance](#)
- ?  [Dimensions](#)
- ?  [Features_and_Applications](#)
- ?  [Angular_Velocity_-_Output_Voltage_Characteristics](#)
- ?  [Application](#)
- ?  [Notice\(storage_and_operating_condition\)](#)
- ?  [Notice\(soldering_and_mounting\)](#)
- ?  [Notice\(handling\)](#)
- ?  [Tape_Dimension](#)
- ?  [Reel_Dimension](#)
- ?  [Standard_Land_Pattern](#)

Minimum Quantity

180mm Paper Tape	
180mm Embossed Tape	200
330mm Paper Tape	
330mm Embossed Tape	
Bulk Case	
Bulk(Bag)	
Ammo Pack	
320Reel	
Magazine	
Box	

Please approve our product specifications or to transact the approval sheet for product specifications before ordering. Please read rating and !Cautions first.
Product specifications in this catalog are as of January 2008.

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