

66212APZ1 ICP to-5加速度传感器美国PCB压电式畅销品

产品名称	66212APZ1 ICP to-5加速度传感器美国PCB压电式畅销品
公司名称	上海持承自动化设备有限公司
价格	.00/件
规格参数	品牌:PCB 型号:66212APZ1 产地:美国
公司地址	上海市金山区吕巷镇干巷荣昌路318号3幢1018室
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产品详情

66212APZ1 ICP to-5加速度传感器

低成本可嵌入加速度计，2线ICP，100 mV/g，TO5外壳，正输出，接头引脚

灵敏度：（±20%）100 mV/g（10.2 mV/（m/s））。

频率范围：（±3dB）0.5至10k Hz（0.5至10k Hz）

感应元件：陶瓷

测量范围：50 g (490 m/s)

重量：0.01 oz (3 gm)

PERFORMANCE

Sensitivity (±20%)	100 mV/g	10.2 mV/(m/s)
Measurement Range	50 g	490 m/s
Frequency Range (±3 dB)	0.5 to 10k Hz	0.5 to 10k Hz
Resonant Frequency	>25 kHz	>25 kHz
Broadband Resolution	350 g rms	3434 m/sec ² rms
Non-Linearity	1 %	1 %
Transverse Sensitivity	7 %	7 %

ENVIRONMENTAL

Overload Limit (Shock)	5000 g pk	49k m/s pk
Temperature Range (Operating)	-65 to +185 ° F	-54 to -84 ° C
Temperature Response	See Graph	See Graph

ELECTRICAL

Settling Time (within 1% of bias)	<3 sec	<3 sec
Discharge Time Constant	0.3 sec	0.3 sec
Excitation Voltage	18 to 28 VDC	18 to 28 VDC
Constant Current Excitation	2 to 20 mA	2 to 20 mA
Output Impedance	<150 Ohm	<150 Ohm
Output Bias Voltage	8 to 12 VDC	8 to 12 VDC
Spectral Noise (10 Hz)	8 g/ Hz	78.50 (m/sec ²)/ Hz
Spectral Noise (100 Hz)	5 g/ Hz	49.1 (m/sec ²)/ Hz
Spectral Noise (1 kHz)	4 g/ Hz	39.2 (m/sec ²)/ Hz

PHYSICAL

Size - Lip Diameter	0.36 in	9.1 mm
Size - Height	0.38 in	9.7 mm
Weight	0.01 oz	3 gm
Mounting	Adhesive/Solder	Adhesive/Solder
Sensing Element	Ceramic	Ceramic
Sensing Geometry	Shear	Shear
Housing Material	Stainless Steel	Stainless Steel
Sealing	Welded Hermetic	Welded Hermetic
Electrical Connector	Header Pins	Header Pins
Electrical Connection Position	Bottom	Bottom
Electrical Connections (Pin 1)	Signal / Power	Signal / Power
Electrical Connections (Pin 2)	Neg (-) Ground	Neg (-) Ground
Electrical Connections (Pin 3)	No Connection	No Connection