

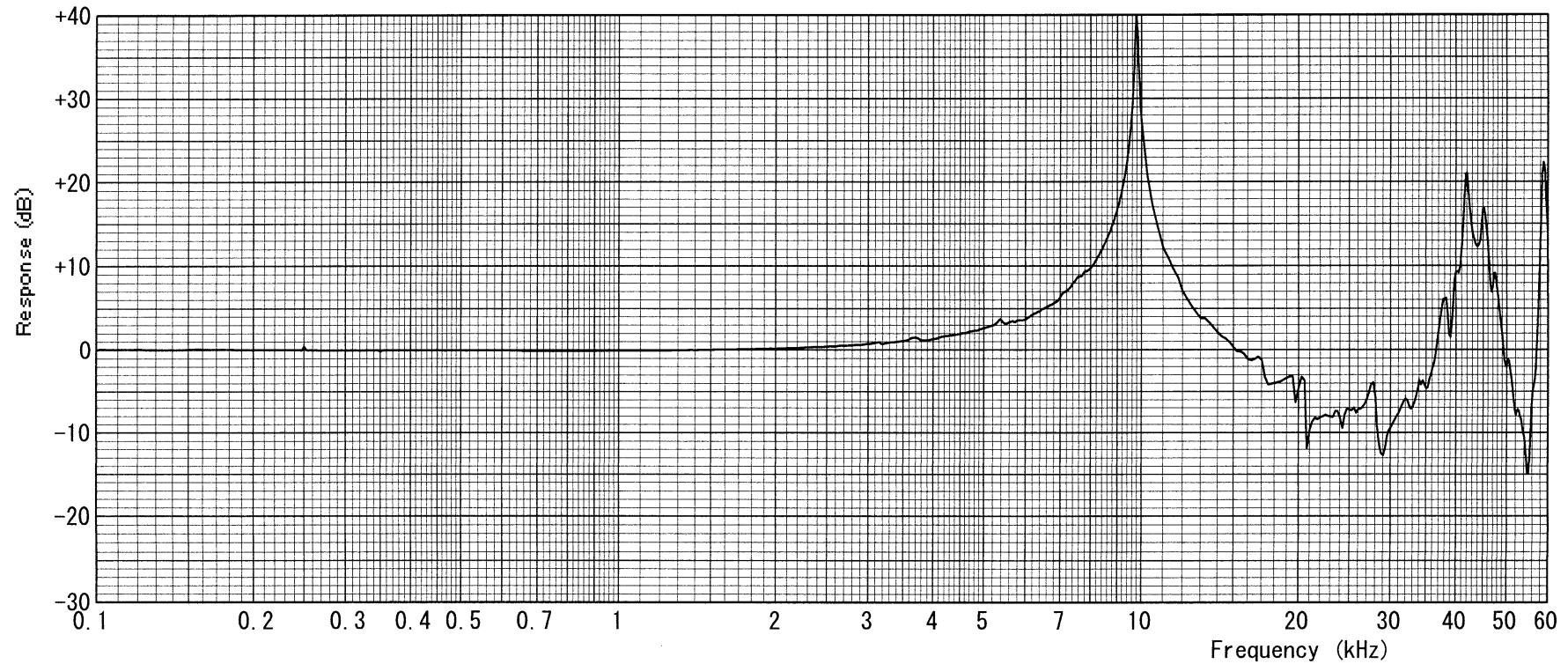
ACCELEROMETER SPECIFICATIONS			
Type HW-3; Article number 102-22-112-0100, RoHS compatible			
	ITEM	UNIT	SPECIFICATION
1	Charge Sensitivity	pC/m/s ²	(0.26) @ 23 ± 3°C
2	Voltage Sensitivity	mV/m/s ²	0.87 ± 20% @ 23 ± 3°C
3	Mounted Resonant Frequency	kHz	9, Typical
4	Frequency Range	Hz	0.1...1000 (±3DB maximum)
5	Capacitance	pF	300 ± 20% @ 23 ± 3°C
6	Transverse Sensitivity	%	20, maximum
7	Measurement Range (Peak)	m/s ²	5000
8	Shock Limit (Peak)	m/s ²	10000
9	Output Impedance	Ω	-
10	Noise	μV rms	-
11			
12	Power Requirement	-	-
13	Temperature Range	°C	-10,...,65°C
14	Weight	g	0.2, maximum
15	Sensing Element / Geometry	-	Piezoelectric Ceramic/Bending
16	Grounding	-	Signal return insulated from case by 1000 MΩ, minimum
17	Mounting Thread	mm	-
18	Connector Type	-	-
19	Size	mm	3.0 (DIA.) x 8.0 (L)
20	Case Material	-	Nickel silver
21			
22	Cable Type / Length	-	-
23	Accessories	-	-
24	Packing	-	100 pieces/package
25			

NO	NOTE	DATE	APPROVED
3			
2	RoHS compatible added	Dec.01,2008	HINABA
1	Changes	Dec.01,2006	HINABA
	DWG.DATE. NOV.15.2006		HKASAI

ACCELEROMETER Calibration Chart

Signature Magjima

Type	Voltage Sensitivity : Sv(100 Hz)	1.018	mV/ms ⁻²	
Serial No. 001	Charge Sensitivity : Sq(100 Hz)	0.282	pC/ms ⁻²	
Date MAY. 15. 2017	Capacitance(incl.Cable) : C	277	pF	C =(Cd+Cc)
Temperature 24 °C	Cable Capacitance : Cc	m	pF	Cd : Capacitance of Accelerometer
	min.Leakage Resistance : (DC 50 V)	1000	MΩ	
	Memo			



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