

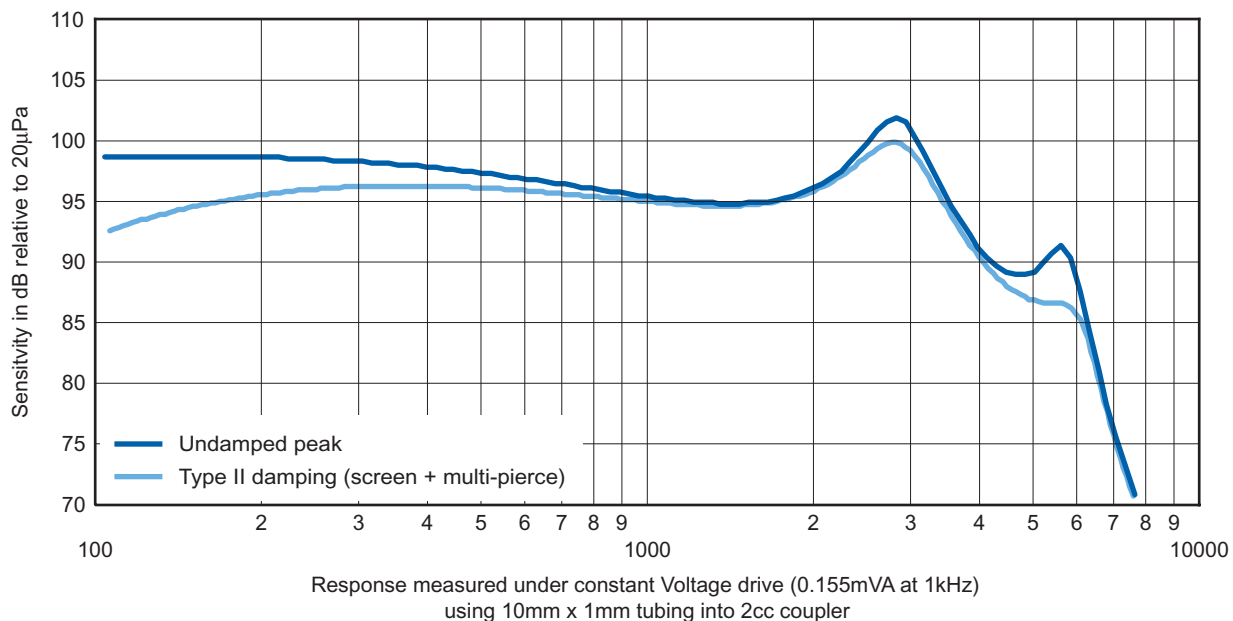
## Product Data Sheet

- World's smallest balanced-armature magnetic receiver for hearing aid applications
- Maximum SPL output of 123dB at resonance peak, 108dB at midband (500Hz)\*
- Nominal SPL output of 102dB at resonance peak, 97dB at midband (500Hz)\*
- Various port locations, coil impedances, damping options, termination configurations, and frequency responses available
- Ideal for CIC instruments

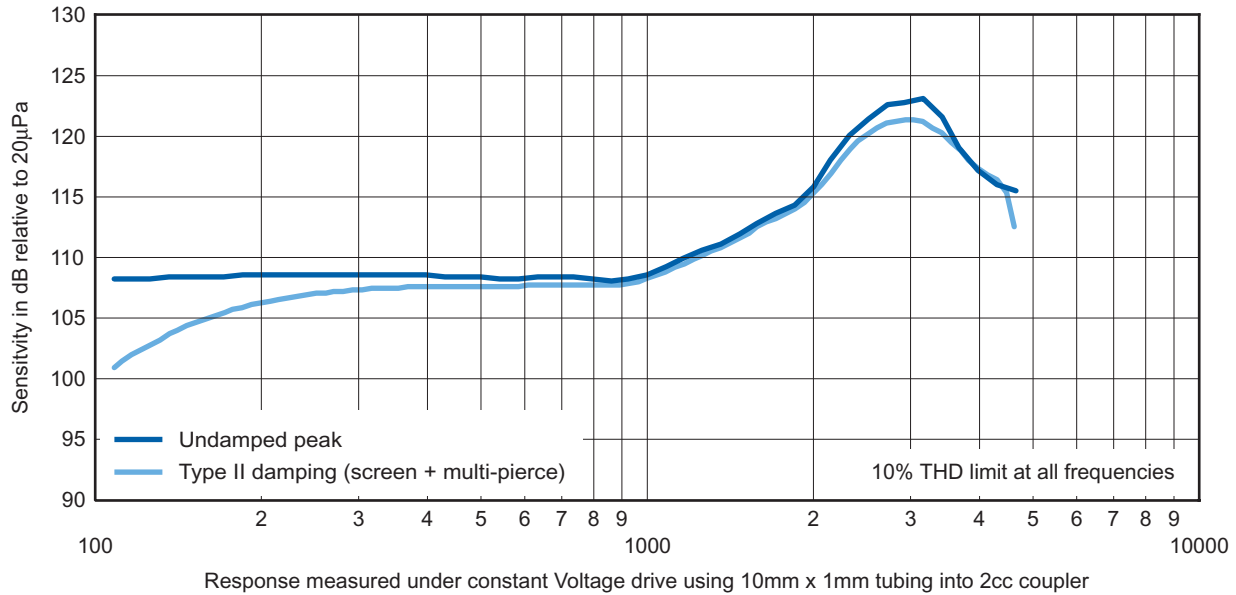


\* = ITE tubing measured into 2cc coupler with 10% THD limit

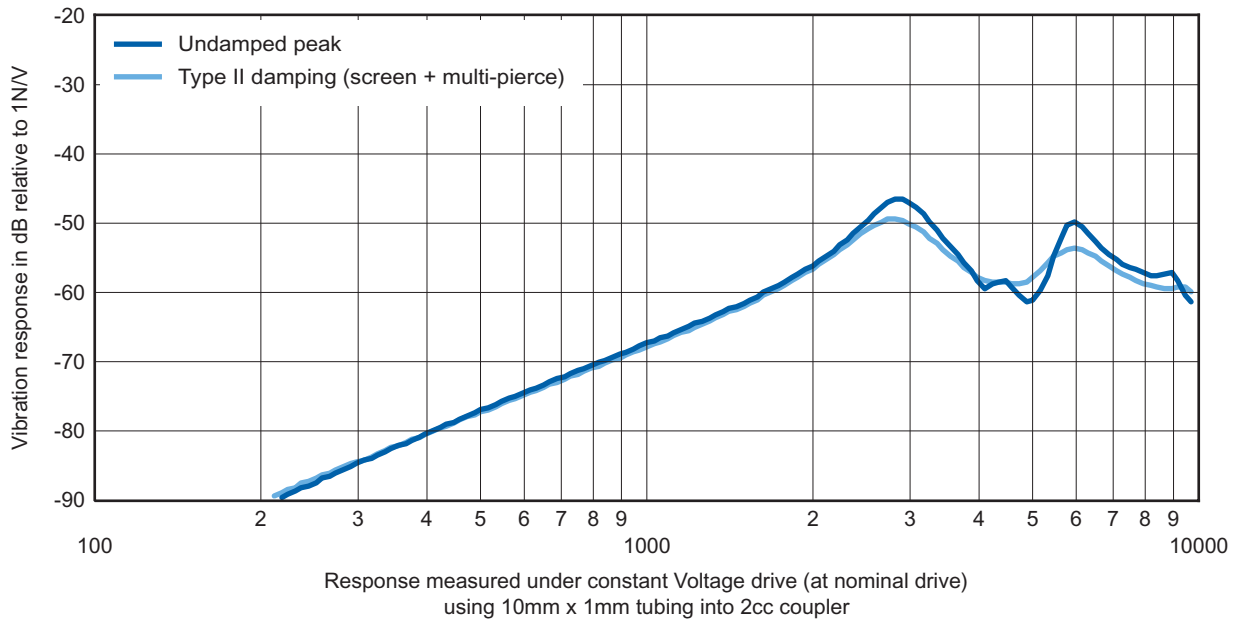
### Typical Response, Nominal Drive



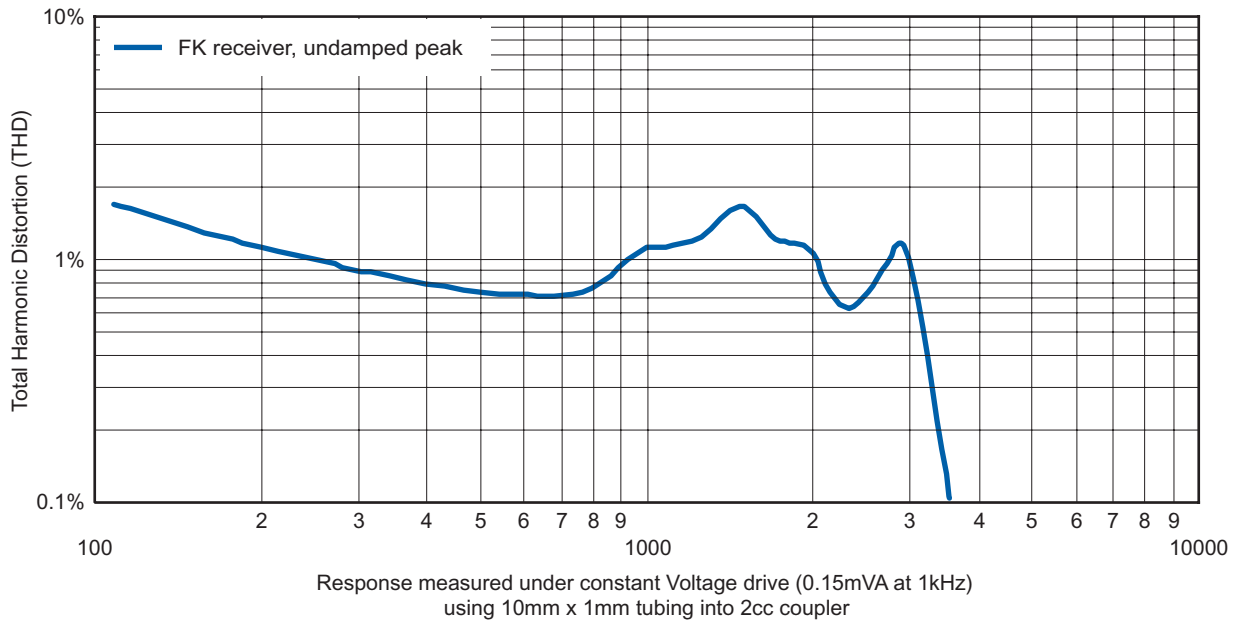
## Maximum Power Output Response



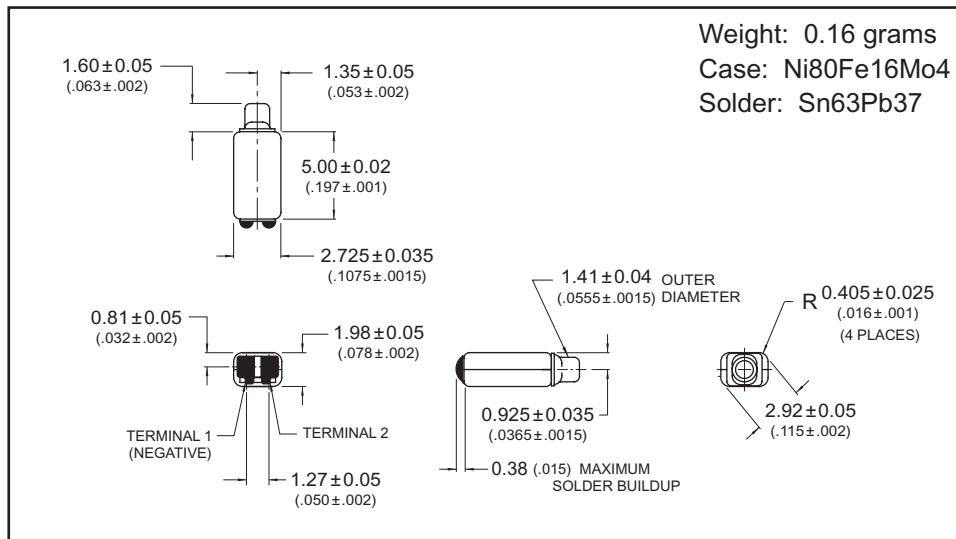
## Vibration Response



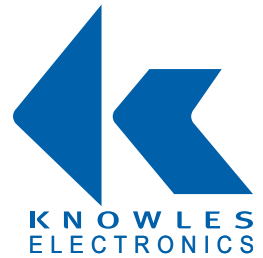
## Distortion Response, Nominal Drive



## Mechanical Dimensions



# FK series receiver



## General Specifications

Nominal sensitivity at 500Hz:	97dB SPL *	Damping:	Undamped, screen damped, and internally damped responses
Maximum Power Output:	123dB SPL *	Termination:	2 or 3 terminals
Sensitivity range:	± 3dB	Bias:	Zero bias or DC biased
THD at 800Hz:	<1.0% (typ)		

\* = ITE tubing measured into 2cc coupler

## FK typical models

Model	Port Location	Number of Terminals	Nominal Impedance (Ohms, ±15%)		Nominal DC Resistance (Ohms, ±10%)	DC Bias (mA)	Response
			1kHz	500Hz			
FK-3451-000	12S	2	630	450	360	Zero-bias	Undamped
FK-3466-000	12S	2	630	450	360	0.71	Undamped
FK-6260-000	12S	2	240	180	135	Zero-bias	Type II
FK-6433-000	3S	2	940	690	580	Zero-bias	Undamped

Other port locations, coil impedances, damping options, and terminal configurations are available. Please contact your Knowles Electronics' Account Representative for details.