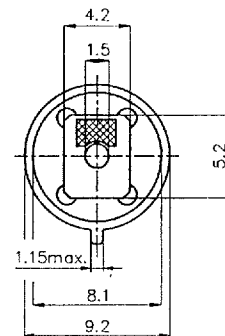
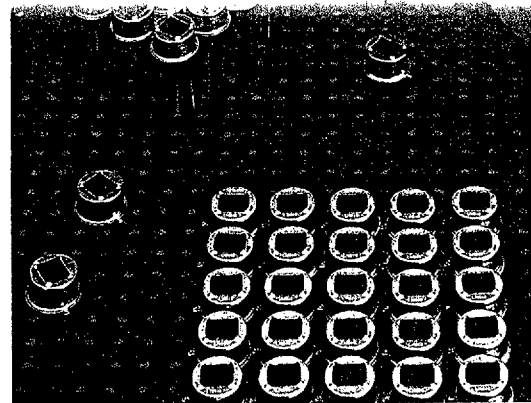


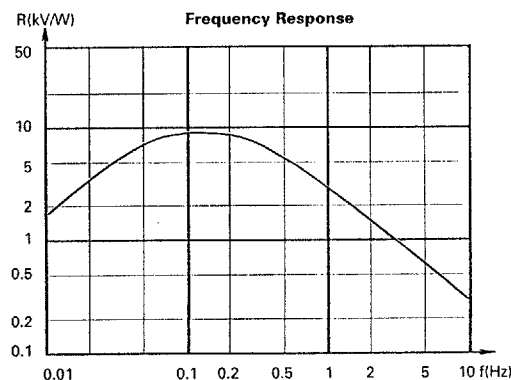
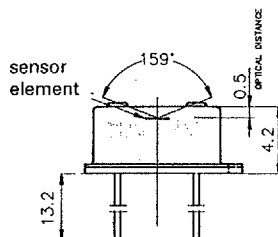
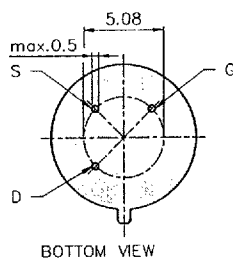
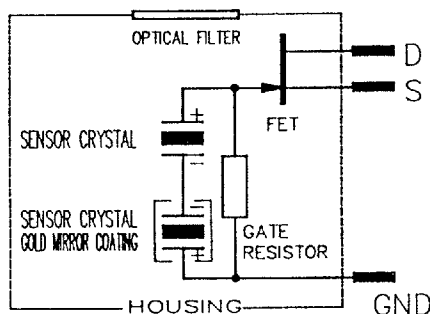
LHi 907

- Circular Centred Element
- Compensation Element
- Designed for Ceiling Mount Applications

The LHi 907 sensor has been designed specifically to meet the requirements of ceiling mounted IR motion detectors. It features a unique 360° field of view, and for the suppression of environmental temperature changes, the LHi 907 has been equipped with a special thermal compensation element, plated with a gold layer to make it blind for optical reception of infrared radiation. The LHi 907 is the only detector to give this unique circular field of view!



PARAMETER	min	typ	max	units	condition
Element Size		ø 1,5		mm	
Responsivity R	2,2	3,2		kV/W	1 Hz
Noise		1,5	40	µV	25 °C, 0,3-10 Hz
Offset Voltage	0,2		1,5	V	25 °C, Rs = 47 kΩ
NEP		9	28	10 ⁻¹⁰ W/√Hz	1 Hz, 1 Hz BW
D*	5	14		10 ⁷ cm √Hz/W	1 Hz, 1 Hz BW
Output Impedance		5	10	kΩ	Rs = 47 kΩ
Operating Voltage	2		15	V	
Drain - Source Voltage	0,5			V	
Unobstructed FOW					
Horizontal		150			
Vertical		140			
Operating Temperature	-40		70	°C	
Storage Temperature	-40		80	°C	



4/10/95