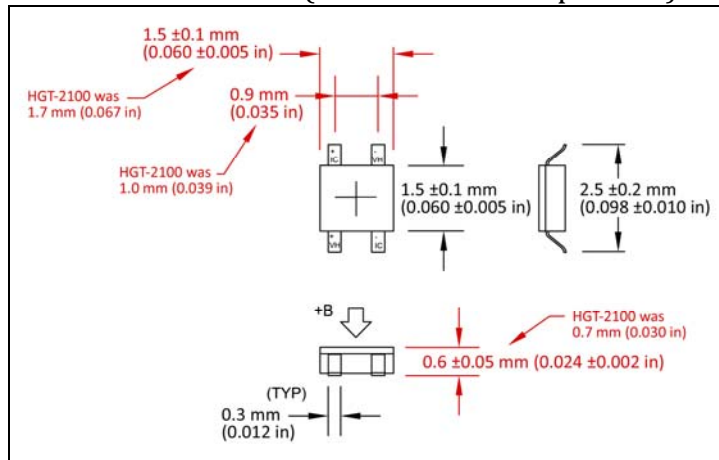


Model HGT-2101 Magnetic Field Sensor Replaces Model HGT-2100 after July 2007

New Specifications

Active area	0.127 mm × 0.127 mm square
Input resistance	450 to 900 Ω
Output resistance	600 to 2000 Ω <i>(was 550 to 1350 Ω)</i>
Nominal control current	1 mA
Maximum continuous current	10 mA (in 25 °C static air)
Magnetic sensitivity (I _C = 1 mA)	11 to 28 mV/kG
Linearity error (sens. vs. field, load = open circuit)	2% to 1 T <i>(was 1% to 1 T, 2% to 2 T)</i>
Zero field offset (I _C = 1 mA)	±2.8 mV maximum
Operating temperature	-55 °C to +125 °C
Temperature coefficient of sensitivity	-0.06% rdg/°C
Temperature coefficient of offset (I _C = 1 mA)	±6 μV/°C <i>(was ±1 μV/°C)</i>
Temperature coefficient of resistance	+0.3%/°C <i>(was +0.15%/°C)</i>

New Dimensions (all in mm unless specified)



Mounting Pad Size and Location

