

Honeywell Sensing and Control



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HOA1887-012 Transmissive Sensors

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HOA1887 Series Transmissive Sensor, Transistor Output, Plastic Package

Actual product appearance may vary.

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Product Specifications

Series Name	HOA1887
Product Type	IR Switch
On-State Collector Current	1.80 mA
Output	Transistor
Package Components	Plastic
Package Color	Black
Forward Current	20 mA
Continuous Forward Current	50 mA
Forward Voltage	1.6 V
Reverse Breakdown Voltage	3 V
Reverse Current	10 μ A
Housing Material	Polycarbonate
Rise and Fall Time	15 μ s
Power Dissipation	100 mW
Operating Temperature	-40 °C to 85 °C [-40 °F to 185 °F]
Dark Current	100 nA
Collector DC Current	30 mA
Collector-Emitter Breakdown Voltage	30 V
Emitter-Collector Breakdown Voltage	5 V
Collector-Emitter Saturation Voltage	0.4 V
Detector Color	White
IREd Anode Color	Red
IREd Cathode Color	Black
Detector Emitter Color	Green
Availability	Global
Sensor Aperture	15,2 mm x 0,25 mm [0.60 in x 0.010 in]
Slot Width	3,18 mm [0.125 in]