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HOA6991-T51 Optoschmitt Sensors (Transmissive)

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HOA698X/HOA699X Series IR Opaque Optoschmitt Sensor, Transistor Output, Two Mounting Tabs, Plastic Package

Actual product appearance may vary.

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Product Specifications

Series Name	HOA698X/HOA699X
Product Type	IR Switch
Output	Open-Collector
Output Logic	Buffer
Mounting Configuration	Two Mounting Tabs
Package Components	Plastic
Package Color	Black
Continuous Forward Current	50 mA
Forward Voltage	1.6 V
Reverse Breakdown Voltage	3 V
Reverse Current	10 μ A
Maximum Trigger Current	15 mA
Housing Material	Polysulfone, Opaque
Power Dissipation	100 mW
Operating Temperature	-40 °C to 70 °C [-40 °F to 158 °F]
Hysteresis (H)	0.05
Operating Supply Voltage	4.5 V to 12.0 V
Supply Voltage	12.0 Vdc
High Level Output Current	100 μ A maximum
High Level Supply Current	15 mA
Low Level Output Voltage	0.4 V maximum
Low Level Supply Current	15 mA
Output Rise Time	70 ns
Output Fall Time	70 ns
Propagation Delay ^{&44;} Low-High ^{&44;} High-Low	5.0 μ s
Duration of Output Short Vcc or Ground	1.0 second
IRED Trigger Current	15 mA
IRED Anode Color	Red
IRED Cathode Color	Black

Detector Vcc Color	White
Detector Output Color	Blue
Detector Ground Color	Green
Comment	Output is LO when incident light intensity is above the turn-on threshold level.
Availability	Global
Sensor Aperture	1,52 mm x 0,25 mm [0.060 in x 0.010 in]
Slot Width	3,18 mm [0.125 in]

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