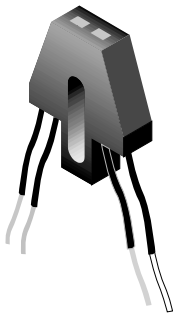
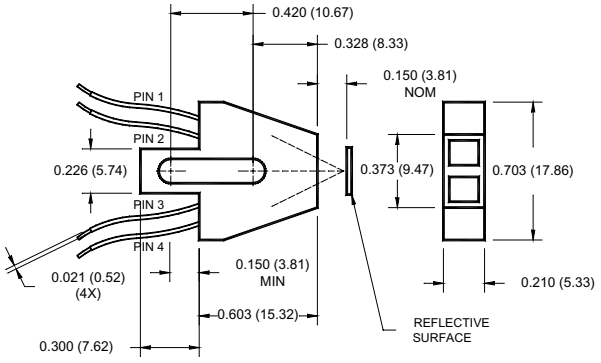
Reflective Opto Sensors

Reflective Arrowhead with Dust Cover, Wires (Focused)



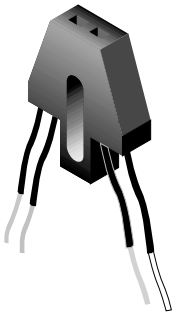


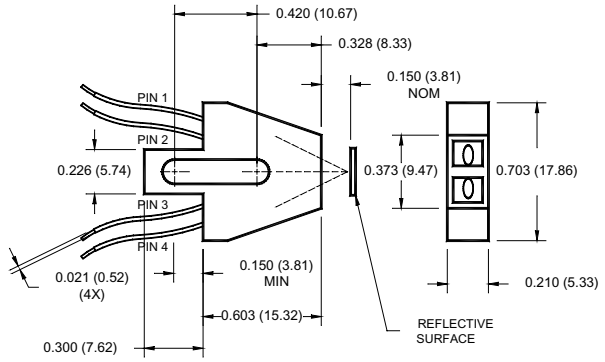
PIN1 ANODE
PIN2 CATHODE
PIN3 COLLECTOR
PIN4 EMITTER

Part Number	Test Conditions I_F (mA)	Test Conditions V_{CE} (V)	Test Conditions Sensor to Surface Distance (inch)	$I_{C(ON)}$ (mA) min	BV_{CEO} (V) min	Output	Wavelength λp (nm)
QRB1133	40	5	0.150	0.20	30	Phototransistor	940
QRB1134	40	5	0.150	0.60	30	Phototransistor	940

All dimensions are in inches (millimeters)

Reflective Arrowhead without Dust Cover, Wires (Focused)





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Absolute Maximum Ratings

PARAMETER	QRB, QRC
Temperature	
T_{OPR}	−40 to +85°C
T_{STG}	−40 to +85°C
Input Diode	
I_F	50 mA
V_R	5.0 V
P_D	100 mW
Output Transistor	
V_{CEO}	30.0 V
V_{ECO}	4.5 V
I_C	20 mA
P_D	100 mW