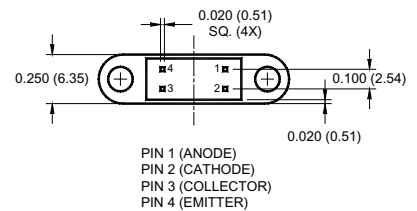
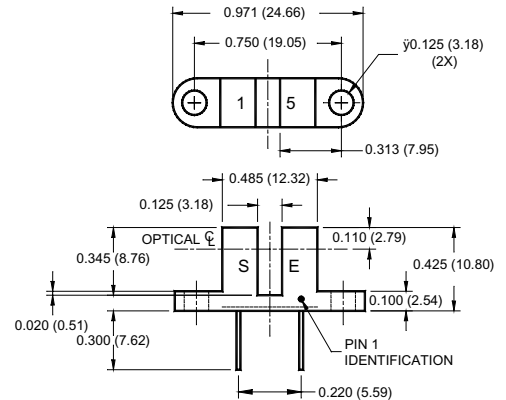
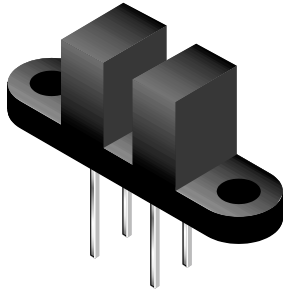


Transmissive Opto Sensors

Slotted Switch QVB (Analog)



(Standard Resolution)

Part Number	Test Conditions		I_C (ON) (mA) min	BV_{CEO} (V) min	Wavelength λ_p (nm)	Aperture Width (mm)		Gap Width (mm)
	I_F (mA)	V_{CE} (V)				Emitter	Sensor	
QVB11134	20	5	1.00	30	Phototransistor	1.27	1.27	3.18

(High Resolution)

Part Number	Test Conditions		I_C (ON) (mA) min	BV_{CEO} (V) min	Output	Aperture Width (mm)		Gap Width (mm)
	I_F (mA)	V_{CE} (V)				Emitter	Sensor	
QVB21114	20	5	0.20	30	Phototransistor	0.25	0.25	3.18

All dimensions are in inches (millimeters)

Absolute Maximum Ratings

PARAMETER QVA, QVB

Temperature

T_{OPR}	-40 to +85°C
T_{STG}	-40 to +85°C
T_{SOL-H}	240°C for 5 sec
T_{SOL-F}	260°C for 10 sec

Input Diode

I_F	5 mA
V_R	6.0 V
P_D	100 mW

Output Transistor

V_{CEO}	30.0 V
V_{ECO}	4.5 V
I_C	20 mA
P_D	150 mW