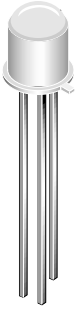
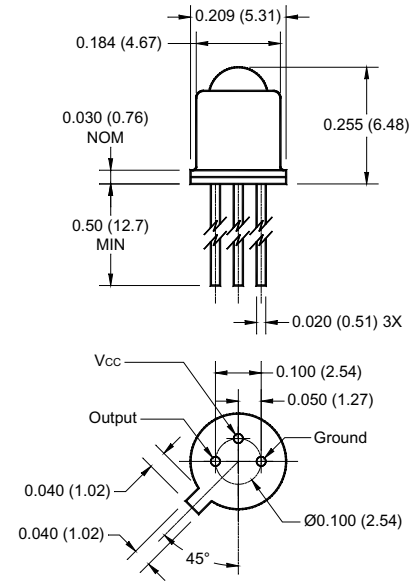


Hermetic Silicon Photosensors

TO-18 OPTOLOGIC® Package



Part Number	Test Conditions (nm) λ_p	E_{e+} (mW/cm ²) max	E_{e+}/E_{e-} typ	V_{OL} (V) max	I_{CC} (mA) max	Sensor Type
QSA156	880 AlGaAs	0.250	1.2	0.40	5	Buffer Totem Pole
QSA157	880 AlGaAs	0.250	1.2	0.40	5	Inverter Totem Pole
QSA158	880 AlGaAs	0.250	1.2	0.40	5	Buffer Open Collector
QSA159	880 AlGaAs	0.250	1.2	0.40	5	Inverter Open Collector



All dimensions are in inches (millimeters)

Absolute Maximum Ratings	PARAMETER	QSA	
	Temperature		
	T_{OPR}	-55 to +105°C	
	T_{STG}	-65 to +125°C	
	T_{SOL-H}	240°C for 5 sec	
	T_{SOL-F}	260°C for 10 sec	
	Sensor		
	I_D	50 mA	
	V_{CC}	16 V	
	P_D	250 mW	