



# Long Distance Reflective Switch OPB720

## Absolute Maximum Ratings ( $T_A = 25^\circ\text{C}$ unless otherwise noted)

Storage Temperature	-40° C to +80° C
Operating Temperature	-20° C to +60° C
Lead Soldering Temperature (1/16" (1.6mm) from case for 5 seconds with soldering iron)	260° C <sup>(1)</sup>

## Absolute Maximum Ratings ( $T_A = 25^\circ\text{C}$ unless otherwise noted)

Supply Voltage (Vcc)	10 to 30 Volts
Maximum Collector Voltage	30 Volts
Collector DC Current (Sink)	50 mA
Power Dissipation	300 mW

## Electrical Characteristics ( $T_A = 25^\circ\text{C}$ unless otherwise noted)

SYMBOL	PARAMETER	MIN	TYP	MAX	UNITS	CONDITIONS
VOL	Low Level Output voltage	-	-	0.8	Volts	Vcc=10V, RL=10K, D=8" Surface White Diffuse Paper EK E152-7798
VOH	High Level Output	5.0	-	-	Volts	Vcc=10V, RL=10K, No Target

Notes:

- (1) RMA flux is recommended. Duration can be extended to 10 seconds maximum when flow soldering.

Preliminary