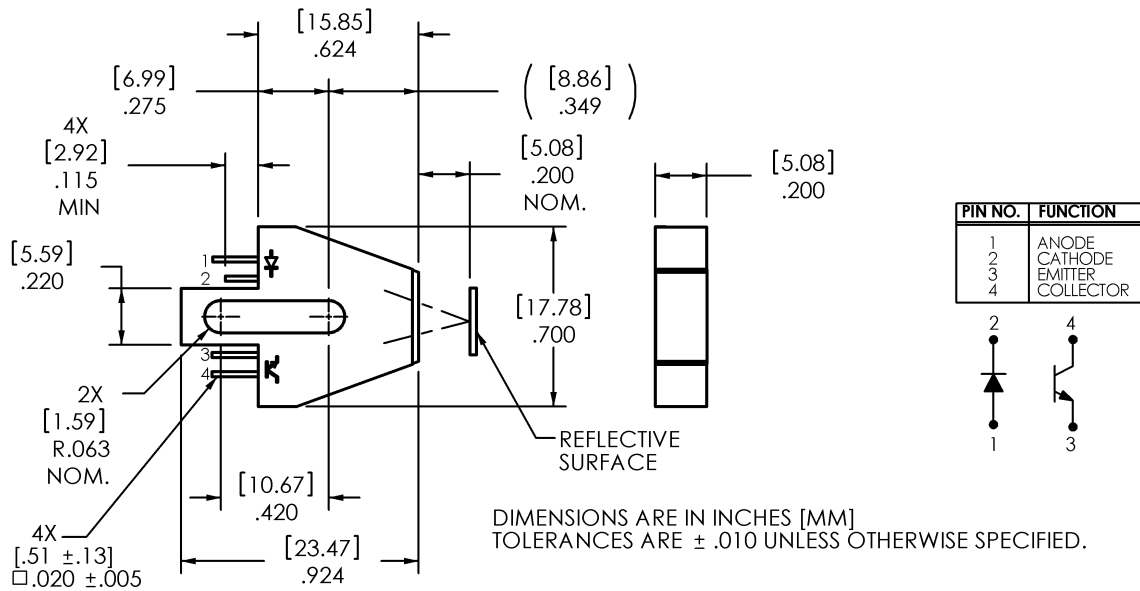


Reflective Object Sensor

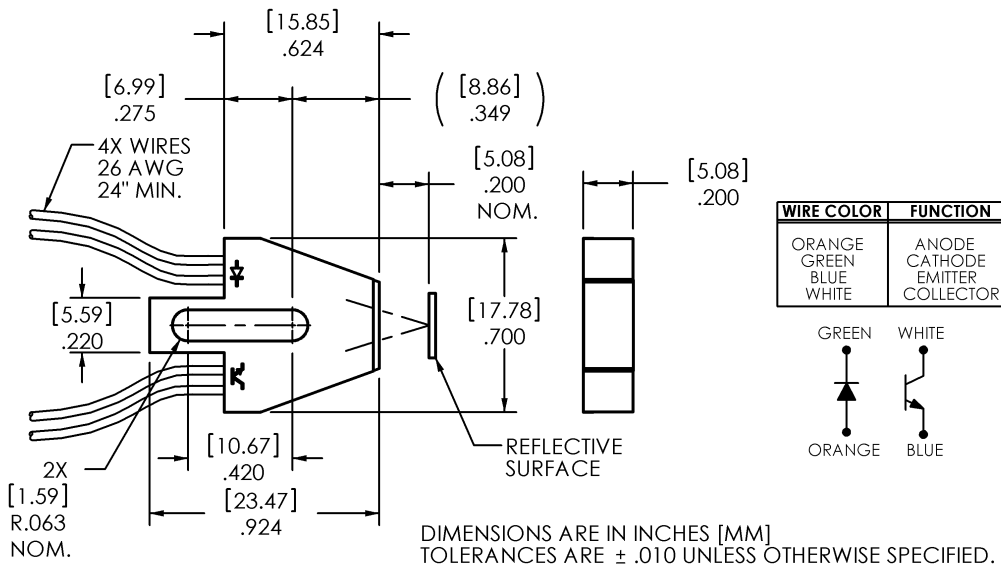
OPB703 through OPB705,
OPB703WZ through OPB705WZ,
OPB70AWZ through OPB70HWZ



OPB704G



OPB704GWZ



General Note
TT Electronics reserves the right to make changes in product specification without notice or liability. All information is subject to TT Electronics' own data and is considered accurate at time of going to print.

OPTEK Technology, Inc.
1645 Wallace Drive, Carrollton, TX 75006 | Ph: +1 972 323 2200
www.optekinc.com | www.ttelectronics.com

Reflective Object Sensor

OPB703 through OPB705,
OPB703WZ through OPB705WZ,
OPB70AWZ through OPB70HWZ



Absolute Maximum Ratings ($T_A=25^{\circ}\text{C}$ unless otherwise noted)	
Storage Temperature Range	-40°C to $+80^{\circ}\text{C}$
Lead Soldering Temperature [1/16 inch (1.6 mm) from the case for 5 sec. with soldering iron]	$240^{\circ}\text{C}^{(1)}$
Input Diode	
Forward DC Current	40 mA
Reverse DC Voltage	2 V
Power Dissipation	$100\text{ mW}^{(2)}$
Output Photodetector	
Collector-Emitter Voltage Phototransistor	30 V
Photodarlington	15 V
Emitter-Collector Voltage	5 V
Collector DC Current	25 mA
Power Dissipation	$100\text{ mW}^{(2)}$

Notes:

- (1) RMA flux is recommended. Duration can be extended to 10 seconds maximum when flow soldering.
- (2) For OPB703WZ, OPB704WZ, OPB705WZ, OPB70BWZ, OPB704G, OPB704GWZ and OPB70HWZ derate linearly $1.82\text{ mW}/^{\circ}\text{C}$ above 25°C .