

◎ PHOTO TRANSISTOR

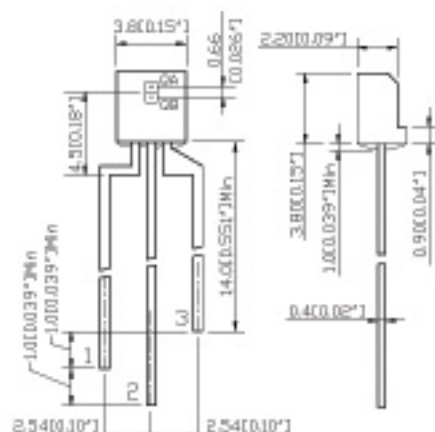
光電晶體

GH-5170 Series Electro-Optical Characteristics:

Code for parts GH-XXXXX	Material	Rise Time	Fall Time	BV _{ceo} Min (V)	Photo Current (mA)		Internal Circuit
					At E _e =mW/cm ²	Min (mA)	
TN4870BC-70E	Silicon	15μs	15μs	30.0	1.0	0.16	



◎ Package Outline Drawing:



- NOTES: 1. All dimensions are in millimeters (inches);
2. Tolerances are $\pm 0.2\text{mm}$ (0.008inch) unless otherwise noted;
3. Resin color: Black.

● Soldering iron

Basic spec is $\leq 5\text{sec}$ when 260°C . If temperature is higher, time should be shorter ($+10^\circ\text{C} \rightarrow -1\text{sec}$). Power dissipation of iron should be smaller than 15W, and temperatures should be controllable. Surface temperature of the device should be under 230°C .

◎ Absolute Maximum Ratings:

Code for parts	Power Dissipation	Collector-emitter voltage	Emitter-collector voltage	T _{OP} (°C)	T _{ST} (°C)
GH-TN4870BC-70E	100mW	30V	5V	-40~+80	-40~+85