

© NEW TYPE PHOTO INTERRUPTER

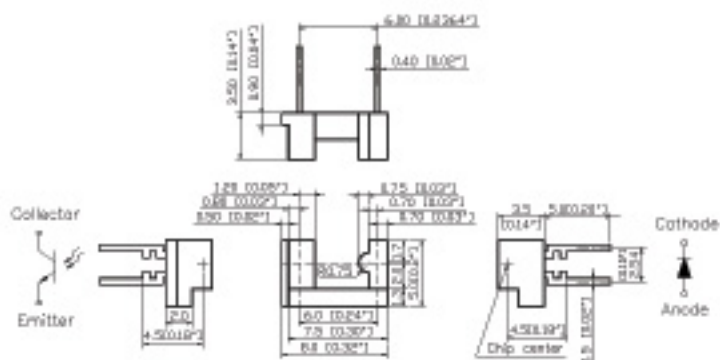
新型光遮斷器

GH-6969 Series Electro-Optical Characteristics:

Code for parts GH-XXXXX	Chip		Rise Time (μ s)	Fall Time (μ s)	Test Condition I_F/V_{CE}	I_C (on) (mA) (min)	V_{CE} (sat.) (V)
	Material	Wave Length					
PA6969BS-45A	GaAs& Silicon	940nm	15 μ s	15 μ s	20mA/5V	0.3	0.4



© 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: water clear.

- 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 .

① **Absolute Maximum Ratings:**

Code for parts	Infrared	I_F (mA)	$\bullet I_{FP}$ (A)	V_R (V)	T_{OP} (°C)	T_{ST} (°C)
PA6969BS-45A		50	1	5	-40~+80	-40~+85
	Photo Transistor	P_D (mW)	V_{CEO} (V)	V_{ECO} (V)		
		100	30V	5V		

*Condition for I_{EP} is pulse of 1/10 duty and 0.1msec width