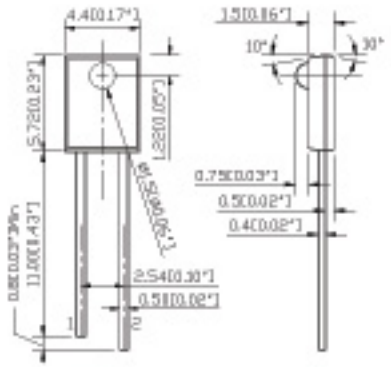
◎ INFRARED EMITTING DIODE
紅外線發射二極體

GH-302 Series Electro-Optical Characteristics:

Code for parts GH-XXXXX	Material	V_F (V)		λ (nm)		Power (mW/Sr)	View angle	Internal Circuit
		Typ	Max	λ_P	$\Delta\lambda$	Min		
ILFF69TK-02E	GaAlAs	1.30	1.70	880	70	11.5	40	
ISFZ69TK-02E	GaAs	1.20	1.60	940	50	7.5		

◎ Package Outline Drawing:



NOTES: 1. All dimensions are in millimeters (inches);
2. Tolerances are ±0.2mm (0.008inch) unless otherwise noted;
3. Resin color: water clear.

✸ Soldering iron

Basic spec is ≤ 5sec when 260℃. If temperature is higher, time should be shorter(+10℃ → -1sec).Power dissipation of iron should be smaller than 15W,and temperatures should be controllable .Surface temperature of the device should be under 230℃.

◎ Absolute Maximum Ratings:

Series	I_F (mA)	*I_{FP} (A)	V_R (V)	T_{OP} (°C)	T_{ST} (°C)
GH-302 Series	50	1	5	-40~+80	-40~+85

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