

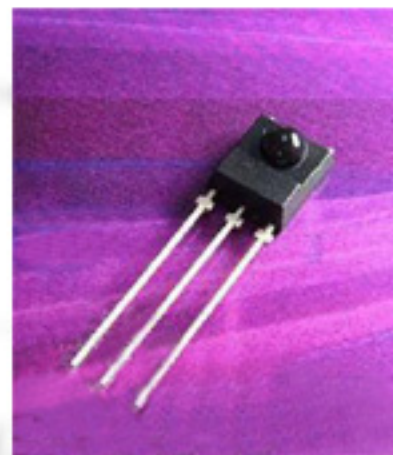
① INFRARED RECEIVER MODULE

紅外線接收模組

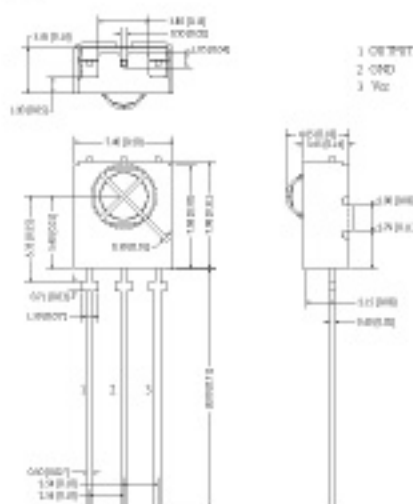
Rev: B Date: 2008/12/31

GH-IRM Series Electro-Optical Characteristics:

Code for parts GH-XXXXX	B.P.F. Center Frequency	Supply voltage (Typ.)	Supply current (Max.)	Transmission Distance (Min.)	Angle 2θ 1/2
NB3843BO-A5	37.9 KHz	5V	1.5mA	6(m)	±45°



① 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 .

① Absolute Maximum Ratings:

Code for parts	Power voltage	$T_{OP} (^\circ\text{C})$	$T_{ST} (^\circ\text{C})$
GH-NB3843BO-A5	6.0V	-40~+80	-40~+85