上海查尔斯电子有限公司
地址：上海市徐汇区漕宝路 103 号 6 号楼
电话：021-64757000 总机转　传真：021-54640728
全国免费热线：800-988-1022　800-988-1066

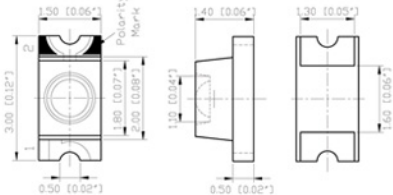
⓪ SURFACE MOUNT LED LAMPS

表面黏著型發光二極體指示燈

GH-S106(1206)Whit inner lens Series Electro-Optical Characteristics:

Code for parts GH-XXXXX	Lighting Color	Material	V_F (V)		λ (nm)			I_V (mcd)	Internal Circuit
			Typ	Max	λ_D	λ_P	Δλ	Min	
RQS106TS-DPE	Red	AlGaInP	2.0	2.5	630	640	20	125	
OVS106TS-DPE	Orange	AlGaInP	2.2	2.7	624	635	20	250	
YUS106TS-DPE	Yellow	AlGaInP	2.0	2.5	590	595	20	230	
GBS106TS-DPJ	Green	AlGaInP	2.0	2.5	574	575	20	63	
G3S106TS-JPH	Green	GaInN	3.3	3.8	525	520	30	640	
BLS106TS-JPH	Blue	GaInN	3.50	4.00	465	460	30	160	
WVS106TS-JPH	White	GaInN	3.50	4.00	X=0.22~0.38 Y=0.22~0.36			160	

⓪ Package Outline Drawing:

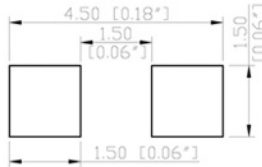


NOTES 1. All dimensions are in millimeters (inches);
2. Tolerances are ±0.1mm (0.004inch) unless otherwise noted;
3. Resin color: water clear.

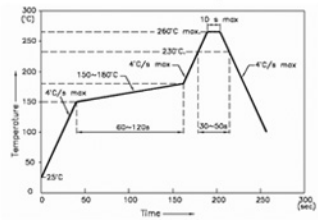
✷ Soldering iron

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℃.

✷ Recommended Soldering Pattern For Reflow Soldering



✷ Recommended Reflow Soldering Profile.



⓪ Absolute Maximum Ratings:

Series	I_F (mA)	*I_{FP} (mA)	V_R (V)	T_{OP} (°C)	T_{ST} (°C)
GH-S106 Series	30	120	5	-40~+80	-40~+85

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