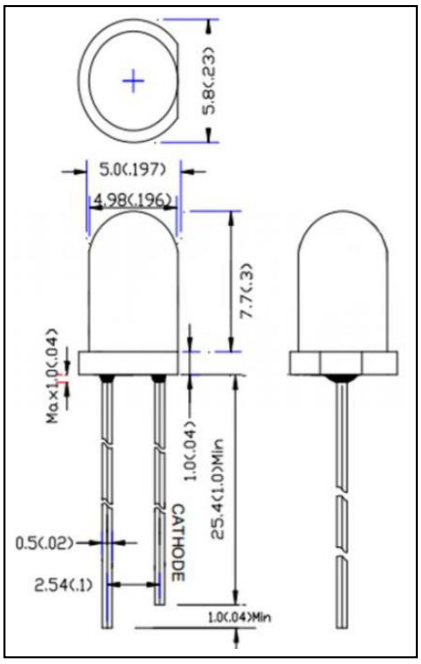
LEDs

5mm Round – Infrared HL-8801

Package Configuration

Descriptions:
Emitting Color: Infrared
Device Outline: Φ 5mm round type
Lens Type: Water Clear



Absolute Maximum Ratings (Ta=25ºC)

Parameter	Max.	Unit.
Peak Forward Current (1/10 Duty Cycle, 0.1ms Pulse Width)	100	mA
Continuous Forward Current	20	mA
Reverse Voltage	5	V
Operating Temperature Range	-40 ºC to +85ºC	
Storage Temperature Range	-40 ºC to +100ºC	
Lead Soldering Temperature[4mm(.157") From Body]	250ºC for 5 Seconds	

Electrical and optical characteristics

Parameter	Symbol	Min.	Typ.	Max.	Unit.	Test Condition
Luminous Intensity	I_V	-	700	-	mW/sr	I_F=20mA
Viewing Angle	$2\theta_{1/2}$	-	30	-	deg.	
Dominant Wavelength	Δd	-	850	-	nm	

HIB Semicondutores EIRELI | Hosonic Industrial do Brasil LTDA
Rua Nereu Ramos, 366 | Bairro Trevo Guarany | CEP 85501-370 | Pato Branco | Paraná | Brasil | +55 46 3220 8800