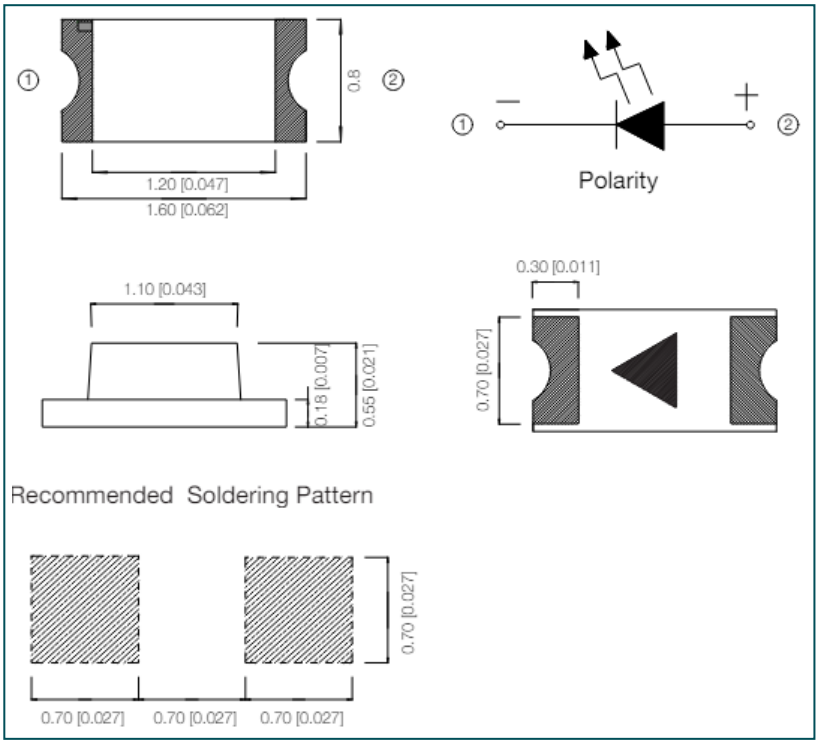
HIB
Hosonic Industrial do Brasil Ltda

LEDs

0603 SMD – Red HL-9650

Package Configuration

Descriptions:
Emitting Color: Red
Device Outline: 1.6x0.8x0.8mm
Lens Type: Water Clear



Absolute Maximum Ratings (T_a=25ºC)

Parameter	Max.	Unit.
Peak Forward Current (1/10 Duty Cycle, 0.1ms Pulse Width)	150	mA
Continuous Forward Current	20	mA
Reverse Voltage	5	V
Storage/Operating Temperature Range	-40 ºC to +85ºC	
Power Dissipation	170mW	
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	-	250	-	mcd	I_F=20mA
Viewing Angle	$2\theta_{1/2}$	-	140	-	deg.	
Dominant Wavelength	Λd	-	625	-	nm	