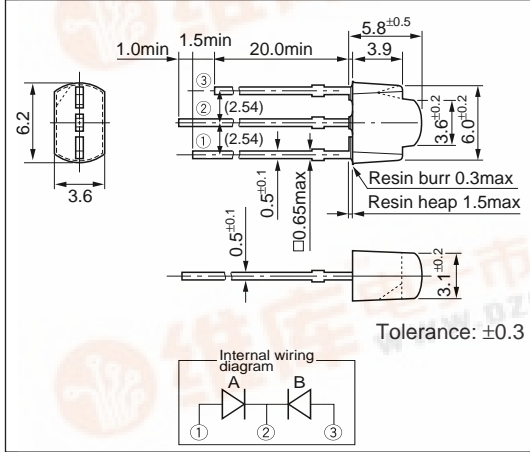


3.3×6 Bow-shaped Bicolor LED (Direct Mount)

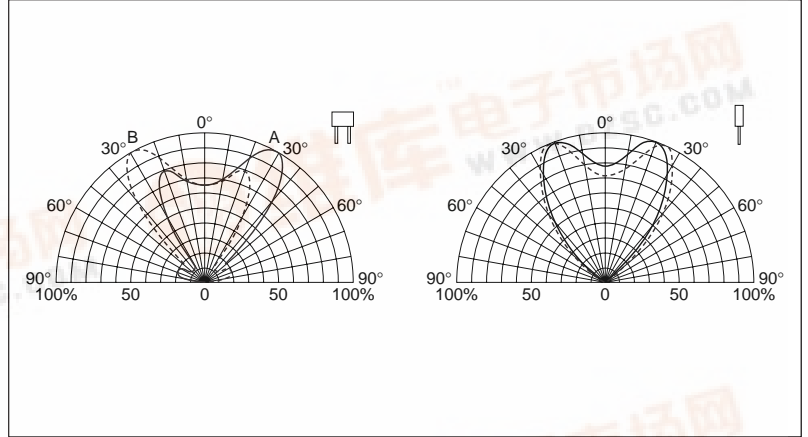
SML70023 Series

External Dimensions

(Unit: mm)



Directivity (Typical)



Absolute maximum ratings (Ta=25°C)

Symbol	Unit	Rating	Condition
I _F	mA	30	
ΔI _F	mA/°C	-0.45	Above 25°C
I _{FP}	mA	100	f=1kHz, tw≤100μs
V _R	V	4	
Top	°C	-30 to +85	
Tstg	°C	-30 to +100	

Electrical Optical characteristics (Ta=25°C)

●Common cathode

Emitting color	Part Number	Lens color	Forward voltage		Reverse current		Intensity		Peak wavelength		Spectrum half width		Chip material	
			V _F (V)		I _R (μA)	Condition V _R (V)	I _v (mcd)	Condition I _F (mA)	λ _P (nm)	Condition I _F (mA)	Δλ (nm)	Condition I _F (mA)		
			typ	max	max		typ		typ		typ			
A Red	SML72423C	Clear	1.9	2.5	10	10	4	25	20	630	10	35	10	GaAsP
B Green			2.0	2.5	10	10	4	35	20	560	10	20	10	GaP
A Red	SML72923C	Clear	1.9	2.5	10	10	4	25	20	630	10	35	10	GaAsP
B Orange			1.9	2.5	10	10	4	25	20	587	10	33	10	GaAsP
A Amber	SML78423C	Clear	1.9	2.5	10	10	4	25	20	610	10	35	10	GaAsP
B Green			2.0	2.5	10	10	4	35	20	560	10	20	10	GaP
A Ultra-high-intensity orange	SMLS79723C	Clear	2.0	2.5	10	100	4	150	20	590	10	15	10	AlGaInP
B Yellow			2.0	2.5	10	10	4	40	20	570	10	30	10	GaP
A Orange	SML79423C	Clear	1.9	2.5	10	10	4	25	20	587	10	33	10	GaAsP
B Green			2.0	2.5	10	10	4	35	20	560	10	20	10	GaP