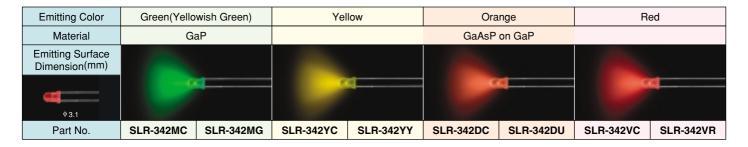
♦3.1(T-1) Circular Type Standard Type <Viewing Angle 201/2:40°>





SLR-342 Series



■ Absolute Maximum Ratings (Ta=25°C)

Part No.	Emitting color	Power dissipation P _D (mW)	Forward current IF (mA)	Peak forward current *IFP (mA)	Reverse voltage VR (V)	Operating temperature Topr (°C)	Storage temperature Tstg (°C)	
SLR-342MC	Green	75	25					
SLR-342MG	(Yellowish Green)		25					
SLR-342YC	Yellow				3	-25 to +85		
SLR-342YY	rellow			60			-30 to +100	
SLR-342DC	Orongo	60	20	60		-23 (0 +03		
SLR-342DU	Orange							
SLR-342VC	Dod							
SLR-342VR	Red							

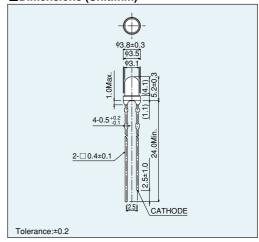
^{*:}Duty ≦ 1/5, pulse width ≦ 1 ms.

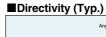
■ Electrical Optical Characteristics (Ta=25°C)

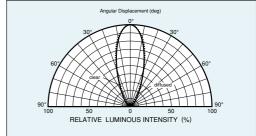
Part No.	Resin Color	Forward voltage V _F		Reverse current In		Light wavelength Peak Half-wave λρ Δλ			Brightness Iv		
		Typ.	lF (mA)	Max. (μ A)	Vr (V)	Typ. (nm)	Typ. (nm)	lF (mA)	Min. (mcd)	Typ. (mcd)	lF (mA)
SLR-342MC	Transparent Colored	2.1	10	10	3	563	40	10	9.0	25	10
SLR-342MG	Diffused Colored								5.6	16	
SLR-342YC	Transparent Colored					585					
SLR-342YY	Diffused Colored								3.6	10	
SLR-342DC	Transparent Colored	2.0		10	3	610	40	10	9.0	25	
SLR-342DU	Diffused Colored								5.6	16	
SLR-342VC	Transparent Colored					CEO			9.0	25	
SLR-342VR	Diffused Colored					650			5.6	16	

Note) SLR-342 series are available with forming taping style. For the bulk and straight taping style, we would recommend our SLR-343(LEDs with Pressure Release Structure)

■Dimensions (Unit:mm)

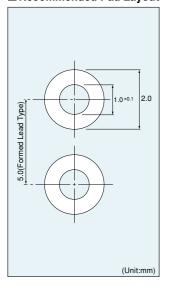


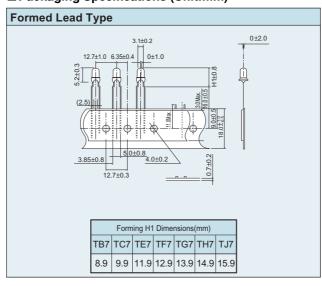


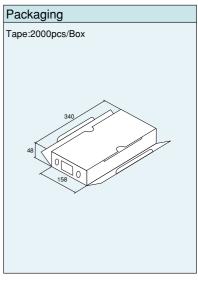


■ Recommended Pad Layout

■ Packaging Specifications (Unit:mm)

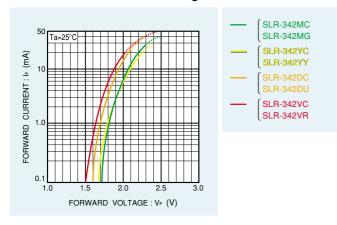






■Electrical Characteristic Curves

Forward Current - Forward Voltage



SLR-342MC

SLR-342MG

SLR-342YC

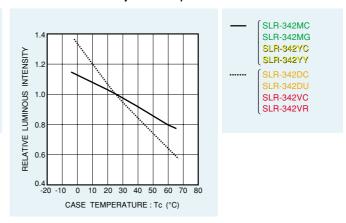
SLR-342YY

SLR-342DU

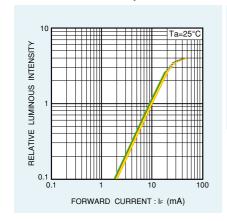
SLR-342VC

SLR-342VR

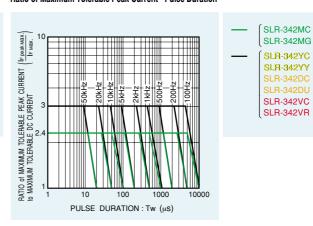
Relative Luminous Intensity - Case Temperature



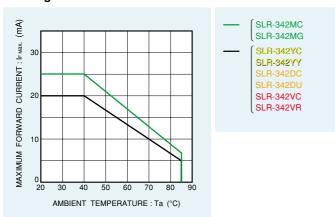
Relative Luminous Intensity - Forward Current



Ratio of Maximum Tolerable Peak Current - Pulse Duration



Derating



Notes

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