

Pb Free
 ROHM Electronic Components

RoHS
 Directive Compliance

Emitting Color	Green(Yellowish Green)		Yellow		Orange		Red	
Material	GaP				GaAsP on GaP			
Emitting Surface Dimension(mm)								
 φ 3.1								
Part No.	SLR-342MC	SLR-342MG	SLR-342YC	SLR-342YY	SLR-342DC	SLR-342DU	SLR-342VC	SLR-342VR

[illegible]

Part No.	Resin Color	Forward voltage V _F		Reverse current I _R		Light wavelength			Brightness I _v		
		Typ. (V)	IF (mA)	Max. (μA)	V _R (V)	Peak λ _p (nm)	Half-wave Δλ _{1/2} (nm)	IF (mA)	Min. (mcd)	Typ. (mcd)	IF (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					3.6			10		
SLR-342YY	Diffused Colored					9.0			25		
SLR-342DC	Transparent Colored	2.0	10	10	3	610	40	10	5.6	16	10
SLR-342DU	Diffused Colored					9.0			25		
SLR-342VC	Transparent Colored					5.6			16		
SLR-342VR	Diffused Colored					9.0			25		

Technical drawing of a cathode assembly. The drawing shows a side view of the assembly with the following dimensions and labels:

- Top view: $\phi 3.8 \pm 0.3$
- Side view dimensions (from top to bottom):
 - $\phi 3.5$
 - $\phi 3.1$
 - 1.0 Max.
 - 4.0 ± 0.2
 - 2.5 ± 1.0
 - 2.5
 - 24.0 Min.
 - 5.2 ± 0.3
- Internal features: (1.1) and (4.1)
- Surface texture: $2 - \square 0.4 \pm 0.1$
- Label: CATHODE

Tolerance: ± 0.2

5.0 (Formed Lead Type)

2.0

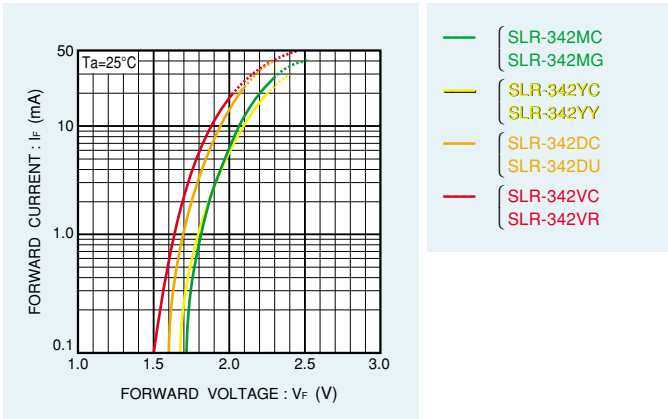
1.0 ± 0.1

(Unit:mm)

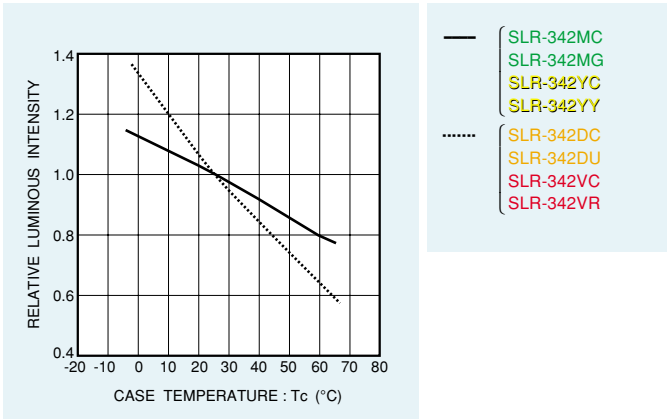
[illegible][illegible]

■ Electrical Characteristic Curves

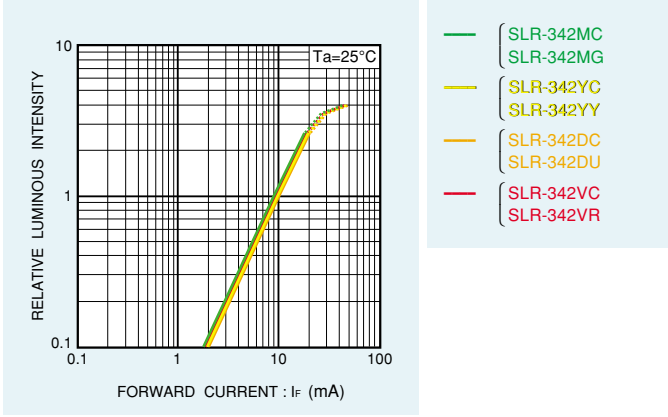
Forward Current - Forward Voltage



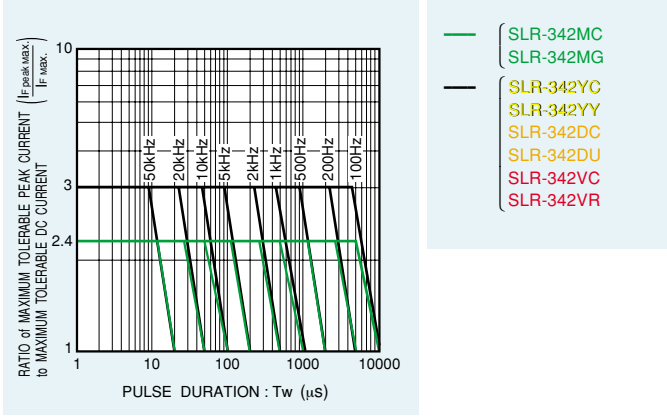
Relative Luminous Intensity - Case Temperature



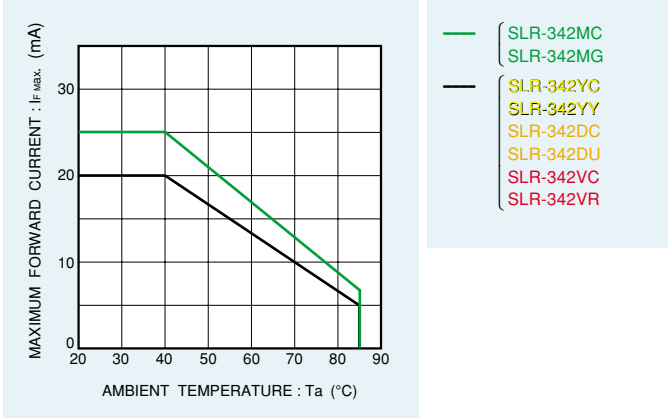
Relative Luminous Intensity - Forward Current



Ratio of Maximum Tolerable Peak Current - Pulse Duration



Derating



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