

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					9.0			25		
SLR-342VR	Diffused Colored					5.6			16		

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:
 - $\phi 3.5$
 - $\phi 3.1$
 - 1.0 Max.
 - $4.0 - 0.5^{+0.2}_{-0.2}$
 - 5.2 ± 0.3
 - (4.1)
 - (1.1)
 - 24.0 Min.
 - 2.5 ± 1.0
 - (2.5)
- Bottom view: $2 - \square 0.4 \pm 0.1$
- Label: CATHODE

Tolerance: ± 0.2

5.0 (Formed Lead Type)

2.0

1.0 $\pm$ 0.1

(Unit:mm)

Formed Lead Type

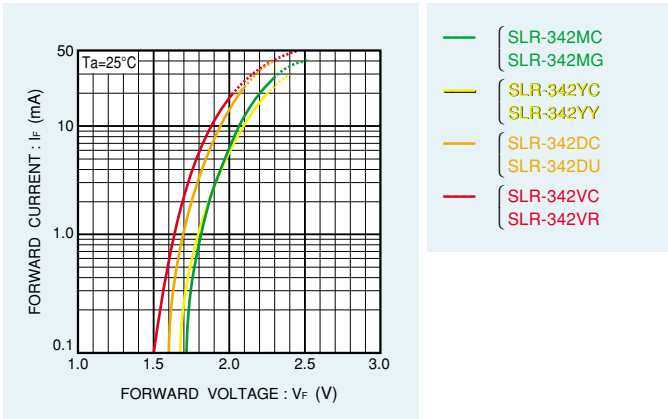
Technical drawing of a Formed Lead Type connector showing dimensions for various models. The drawing includes a side view of the connector with dimensions: 12.7±1.0, 6.35±0.4, 5.2±0.3, 12.7±0.3, 3.85±0.8, 5.0±0.8, 4.0±0.2, 18.0±0.6, 9.0±0.5, 16.0±0.5, 3.0Max, 11Max, 0.7±0.2, 0±1.0, and Ø3.1±0.2. A detail view shows a pin with a length of 0±2.0. The connector is labeled (2.5).

Forming H1 Dimensions(mm)						
TB7	TC7	TE7	TF7	TG7	TH7	TJ7
8.9	9.9	11.9	12.9	13.9	14.9	15.9

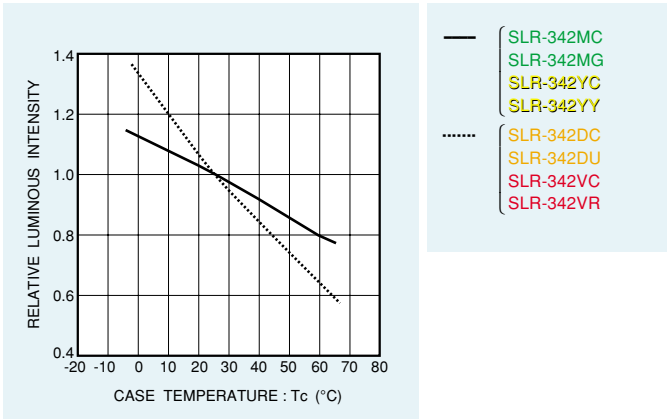
A technical drawing showing the front view of the device. It is a rectangular unit with a depth of 48 mm. The top surface has a width of 340 mm. The front face features two circular ports, each labeled with the number "0". The bottom edge of the front face has a total width of 156 mm.

■ Electrical Characteristic Curves

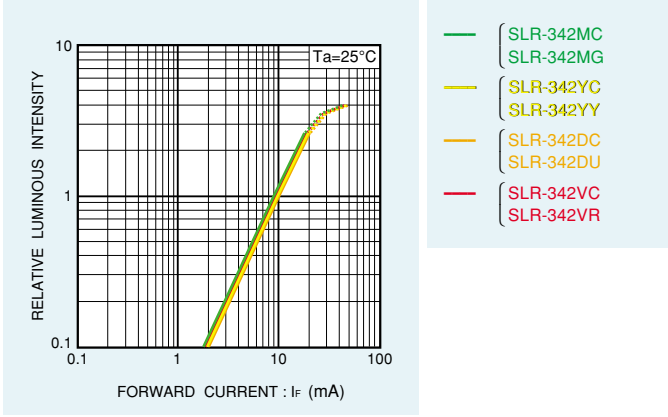
Forward Current - Forward Voltage



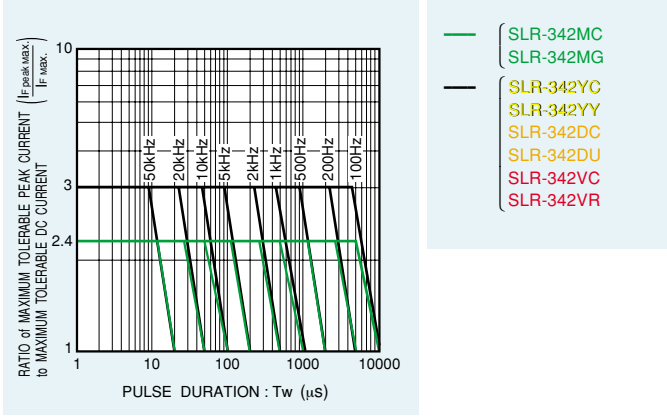
Relative Luminous Intensity - Case Temperature



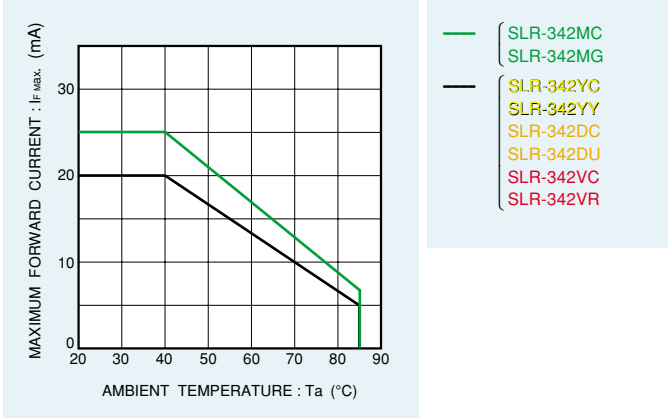
Relative Luminous Intensity - Forward Current



Ratio of Maximum Tolerable Peak Current - Pulse Duration



Derating



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