



EN: This Datasheet/Document is presented by the manufacturer.

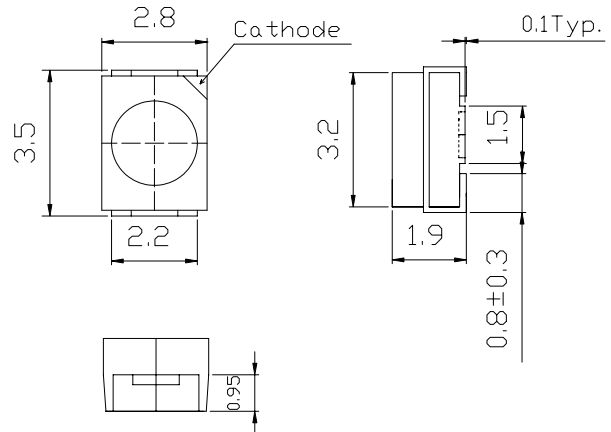
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3.5x2.8x1.9mm Violet SMD LED**OSV4YLS1C1A****■Features**

- High Luminous PLCC2 Top SMD LEDs
- 3.5x2.8x1.9mm Standard Directivity
- Superior Weather-resistance
- UV Resistant Silicon
- Water Clear Type

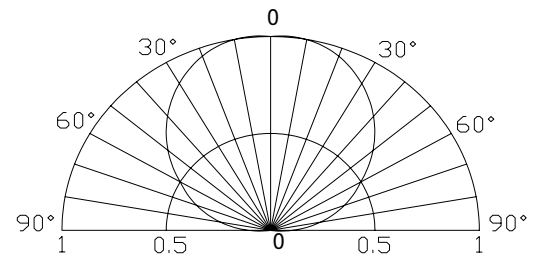
■Applications

- Automotive Dashboard Lighting
- Money Detector
- Back Lighting
- Other Lighting

■Outline Dimension**■Absolute Maximum Rating****(Ta=25 °C)**

Item	Symbol	Value	Unit
DC Forward Current	I_F	30	mA
Pulse Forward Current*	I_{FP}	100	mA
Reverse Voltage	V_R	5	V
Power Dissipation	P_D	114	mW
Operating Temperature	T_{opr}	-30 ~ +85	°C
Storage Temperature	T_{stg}	-40 ~ +100	°C
Lead Soldering Temperature	T_{sol}	260 °C /5sec	-

*Pulse width Max.10ms Duty ratio max 1/10

■Directivity**■Electrical -Optical Characteristics****(Ta=25 °C)**

Item	Symbol	Condition	Min.	Typ.	Max.	Unit
DC Forward Voltage	V_F	$I_F=20mA$	3.0	3.4	3.8	V
DC Reverse Current	I_R	$V_R=5V$	-	-	10	μA
Peak Wavelength*	λ_p	$I_F=20mA$	390	395	400	nm
Radiant flux*	Φ_e	$I_F=20mA$	2.0	5.0	6.0	mW
50% Power Angle	$2\theta_{1/2}$	$I_F=20mA$	-	120	-	deg

*1 Tolerance of Peak wavelength is $\pm 1nm$ *2 Tolerance of luminous intensity is $\pm 15\%$ **LED & Application Technologies**