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

Please visit our website for pricing and availability at www.hestore.hu.

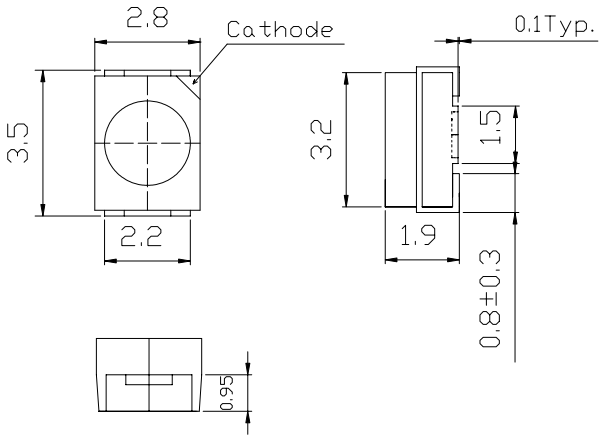
3.5x2.8x1.9mm Violet SMD LED

OSV4YLS1C1A

▪Features

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

▪Outline Dimension



▪Applications

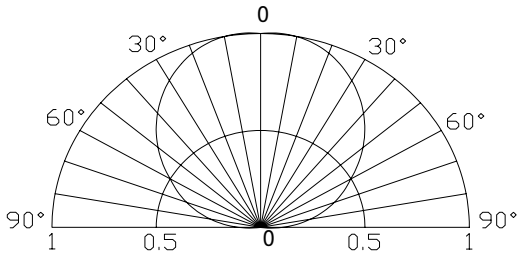
- Automotive Dashboard Lighting
- Money Detector
- Back Lighting
- Other Lighting

▪Absolute Maximum Rating (Ta=25 □)

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	Topr	-30 ~ +85	□
Storage Temperature	Tstg	-40~ +100	□
Lead Soldering Temperature	Tsol	260 □ /5sec	-

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

▪Directivity



▪Electrical -Optical Characteristics (Ta=25 □)

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*	□ 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 ±1nm
*2 Tolerance of luminous intensity is ±15%