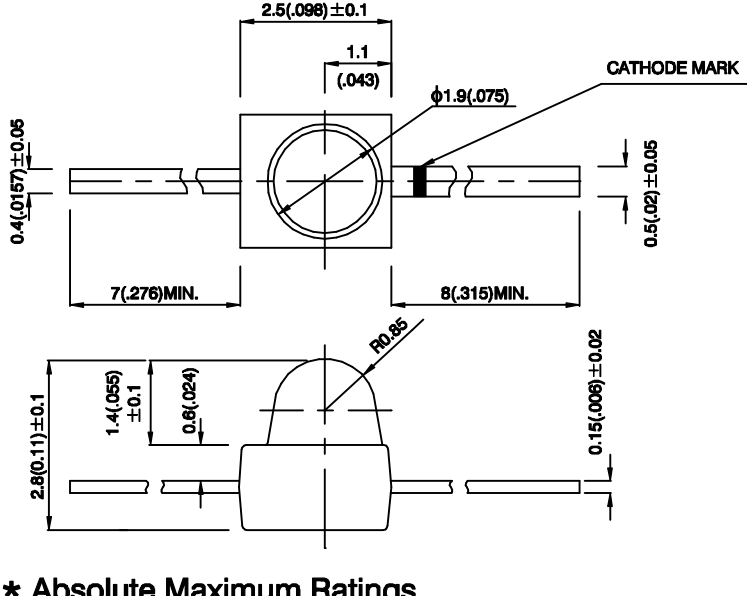


SUBMINIATURE SOLID STATE InGaAlP ORANGE LAMPS

KM2520A01SEC001



UNIT : MM(INCH)
TOLERANCE : ± 0.25(± 0.01)

* Absolute Maximum Ratings

Item	Symbol	Rating	Unit
Forward Current	I_F	30	mA
Reverse Voltage	V_R	5	V
Power Dissipation	P_O	75	mW
Operating Temperature	T_{opr}	-40~+85	° C
Storage Temperature	T_{stg}	-40~+85	° C

* Electrical and Optical Characteristics

($T_A=25^\circ C$)

Item	Symbol	Condition	Min.	Typ.	Max.	UNIT
Forward Voltage	V_F	$I_F=20mA$	-	1.95	2.5	V
Reverse Current	I_R	$V_R=5V$	-	10	-	uA
Peak Emission Wavelength	λ_p	$I_F=20mA$	-	610	-	nm
Spectral half-width	$\Delta\lambda$	$I_F=20mA$	-	15	-	nm
Capacitance	C	$V_F=0V, f=1MHz$	-	40	-	pF

PART NO.	SOURCE (DICE)	LENS TYPE (RESIN)	LUMINOUS INTENSITY MCD @20mA		VIEWING ANGLE 2 @ 1/2
			MIN	MAX	
KM2520A01SEC001	ORANGE (InGaAlP)	WATER CLEAR	1000	2000	30°

APPROVED:

CHECKED:

DRAWN :

SCALE :

DATA NO. : E8246

Shuu

3 : 1

DATE : MAY/31/1999