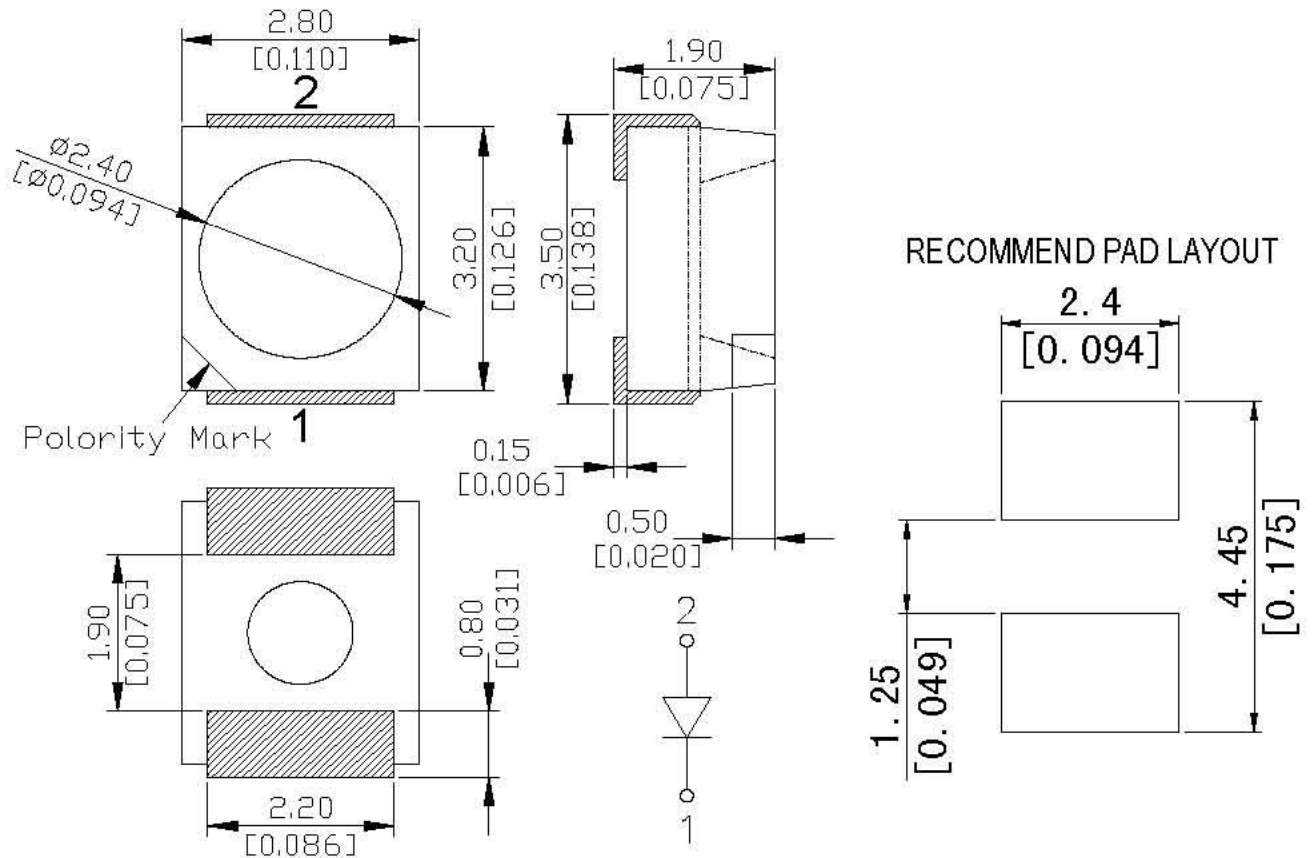



RF-OURA30TS-AGC

Package outlines





ATTENTION
OBSERVE PRECAUTIONS
FOR HANDLING
ELECTROSTATIC
SENSITIVE DEVICES

ITEM	MATERIALS
Resin	Epoxy
Bonding Wire	$\phi 25 \mu\text{m Au}$
Lens color	Water transparent
Dice	AlGaInP
Emitted color	Orange

NOTES:

- All dimensions are in millimeters (inches);
- Tolerances are $\pm 0.2\text{mm}$ (0.008inch) unless otherwise noted.

APPROVED By	CHECKED By	TABULATED By	VER.
			A/O

Absolute maximum ratings				(T _A =25 °C)		
Parameter	Symbol	Value	Unit			
Power dissipation	P _d	72	mW			
Forward current	I _f	30	mA			
Reverse voltage	V _r	5	V			
Operating temperature range	T _{op}	-40 ~+85	°C			
Storage temperature range	T _{stg}	-40~+100	°C			
Peak pulsing current	I _{fp}	100	mA			
Electro-optical characteristics				(T _A =25 °C)		
Parameter	Test Condition	Symbol	Value			Unit
			Min.	Typ.	Max.	
Wavelength at peak emission	I _f =20mA	λ _{peak}	--			nm
Spectral half bandwidth	I _f =20mA	Δλ	--	17		nm
Dominant wavelength	I _f =20mA	λ _{dom}	620	625	630	nm
Forward voltage	I _f =20mA	V _f	1.8	-	2.4	V
Luminous intensity	I _f =20mA	I _v		100	180	mcd
Viewing angle at 50% I _v	I _f = 10mA	2θ _{1/2}	--	120		Deg
Reverse current	V _r = 5V	I _r			10	μA

NOTE: (Tolerance: I_v ±10% , V_f ±0.05V , λ_{dom} ±2nm) IFP Conditions : Pulse Width 10msec. and Duty 1/10.