

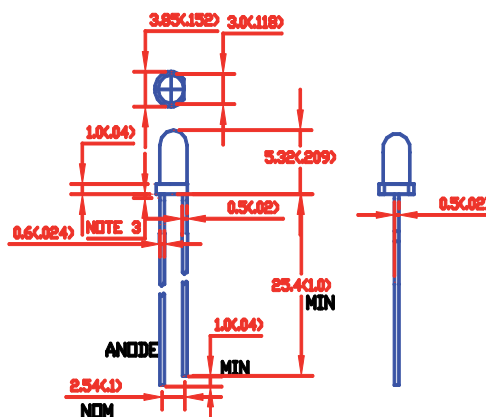

Part No. : Hi-03A4SWDAC-05W
19/04150-00

§ Standard 3mm diameter package.

Characters

§ High intensity.

ITEM	MATERIALS
Resin(Mold)	Epoxy
Lens Color Code	C Water Transparent
	T Colored Transparent
	D White Diffused
	E Colored Diffused
Lead Frame	Ag Plating Iron Alloy
Dice	InGaN

Outline Dimensions


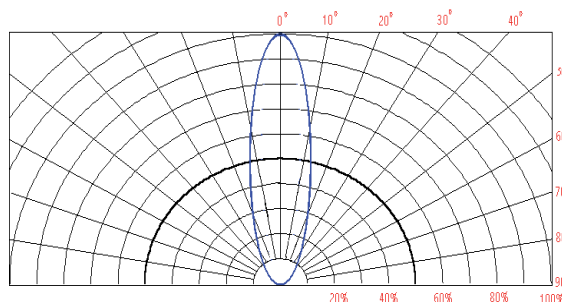
§ All dimensions are in millimeters (inches) .

 § Tolerance is ± 0.25 (.010) mm unless otherwise noted.

Absolute Maximum Ratings (Ta=25°C)

Item	Symbol	Value	Unit
Power Dissipation	PD	100	mW
DC Forward Current	IF	30	mA
Pulsed Forward Current	IFP	100*	mA
Reverse Voltage	VR	5	V
Operating Temperature	Topr	-25 ~ +80	°C
Storage Temperature	Tstg	-40 ~ +100	°C
Soldering Temperature	Tsol	260for5sec ^Δ	°C

 * Duty 1/10 Pulse Width 0.1ms ^Δ At the position of 4mm from the bottom of the package

Directive Characteristics (Ta=25°C)

Electrical-Optical Characteristics (Ta=25°C)

Parameter	Symbol	Value			Unit	Test condition
		Min.	Typ.	Max.		
Forward Voltage	Vf	---	3 . 0	3 . 4	V	If=20mA
Luminous intensity	Iv	---	3000	5000	mcd	If=20mA
Wavelength	X(λd)	---	0 . 2936	---	(nm)	If=20mA
	y	---	0 . 2892	---	---	If=20mA
Reverse Current	Ir	---	---	5	μA	Vr=5V
Viewing angle	2θ1/2	---	25	---	Deg	If=20mA
Spectral half bandwidth	Δλ	---	---	---	nm	If=20mA