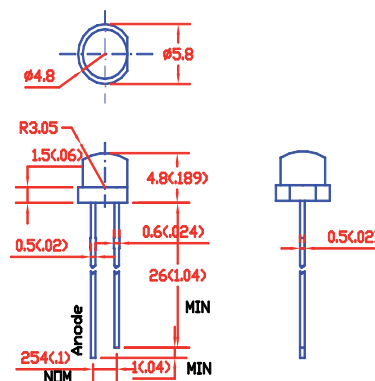


Part No.: **Hi-05G4SWDFC-341W41E****19/04280-00**

§ Standard 5mm diameter package.

**Characters**

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

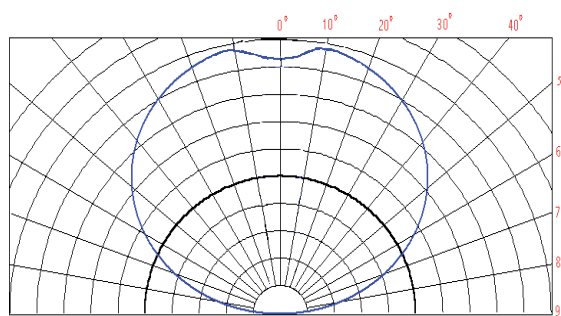
**Outline Dimensions**

§ All dimensions are in millimeters ( inches ) .

§ Tolerance is  $\pm 0.25$  ( .010 ) mm unless otherwise noted.**Absolute Maximum Ratings (  $T_a=25^\circ\text{C}$  )**

Item	Symbol	Value	Unit
Power Dissipation	PD	120	mW
DC Forward Current	IF	30	mA
Pulsed Forward Current	IFP	100	mA
Reverse Voltage	VR	5	V
Operating Temperature	Topr	-25 ~ +80	$^\circ\text{C}$
Storage Temperature	Tstg	-40 ~ +100	$^\circ\text{C}$
Soldering Temperature	Tsol	260for5sec	$^\circ\text{C}$

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

**Directive Characteristics (  $T_a=25^\circ\text{C}$  )****Electrical-Optical Characteristics (  $T_a=25^\circ\text{C}$  )**

Parameter	Symbol	Value			Unit	Test condition
		Min.	Typ.	Max.		
Forward Voltage	Vf	---	3.0	3.4	V	If=20mA
Luminous intensity	Iv	400	900	1200	mcd	If=20mA
Wavelength	X(&lambda;d)	---	0.2936	---	(nm)	If=20mA
	y	---	0.2893	---	---	If=20mA
Reverse Current	Ir	---	---	5	$\mu\text{A}$	Vr=5V
Viewing angle	2 $\theta$ 1/2	---	140	---	Deg	If=20mA
Spectral half bandwidth	$\Delta\lambda$	---	---	---	nm	If=20mA