



湖南长富电子有限公司

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Model: LF30302AB/ASR/ASG/ASY

ABSOLUTE MAXIMUM RATINGS($T_a=25^{\circ}\text{C}$)

PARAMETER		Red	Hi-Red	Green	Yellow	UNIT
Reverse voltage	V_r	5	5	5	5	V
Forward current	I_f	20	20	20	20	mA
Peak forward current	I_{peak}	150	150	150	150	mA
Power dissipation	P_t	120	105	105	105	mW
Operating temperature	T_a	$-40\sim+85$	$-40\sim+85$	$-40\sim+85$	$-40\sim+85$	$^{\circ}\text{C}$
Storage temperature	T_{sta}	$-40\sim+85$	$-40\sim+85$	$-40\sim+85$	$-40\sim+85$	$^{\circ}\text{C}$

ELECTRICAL-OPTICAL CHARACTERISTICS($T_a=25^{\circ}\text{C}$)

Part NO.	Wavelength (nm)		Forward Voltage $I_F=20\text{mA}$ (v)		Reverse Current $V_R=5\text{V}$ (uA)	Luminous Intensity $I_F=20\text{mA}$ (ucd)
	λ_P	$\Delta\lambda$	TYP	MAX	MAX	TYP
LF30302AB	465	2.5	3.2	3.5	20	60000
LF30302ASR	640	5	2.0	2.5	20	30000
LF30302ASG	570	5	2.2	2.5	20	10000
LF30302ASY	585	5	2.1	2.4	20	10000

PACKAGE DIMENSION&INTERNAL CIRCUIT DIAGRAM:

