



Package	Part No. NFL-	Chip		Lens Appearance	Absolute Maximum Ratings				Electro-optical Data(At 20mA)			Viewing Angle 2 θ 1/2 (deg)	Drawing No.
		Material/Emitted Color	Peak Wave Length λ p (nm)		Δ λ (nm)	Pd (mw)	If (mA)	Peak (mA)	Vf(V)		Iv (mcd)		
									Typ	Max	Typ		
0.8*1.6* 0.8mm SMD	0603LRC	GaAlAs/DH Super Red	660	Water clear	20	60	30	150	1.85	2.20	35	120	L-018
	0603UEC	AlGaInP/Ultra Orange	630	Water clear	17	65	30	150	2.10	2.50	60	120	
	0603GC	GaP/GaP Green	568	Water clear	30	80	30	150	2.20	2.50	12	120	
	0603UBC	InGaN/SiC Ultra Blue	470	Water clear	30	120	30	100	3.80	4.50	50	120	
1.25*2.0 *0.8mm SMD	0805LRC	GaAlAs/DH Super Red	660	Water clear	20	60	30	150	1.85	2.20	35	120	L-019
	0805UEC	AlGaInP/Ultra Orange	630	Water clear	17	65	30	150	2.10	2.50	60	120	
	0805GC	GaP/GaP Green	568	Water clear	30	80	30	150	2.20	2.50	12	120	
	0805UBC	InGaN/SiC Ultra Blue	470	Water clear	30	120	30	100	3.80	4.50	50	120	

L-018      NFL-0603xx Series	L-019      NFL-0805xx Series
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Unit: mm Tolerance: +/-0.1

1. Soldering terminal (size: 0.4X1.1 mm) may shift in x, y direction.

Recommended Soldering Pattern for Reflow Soldering

Unit: mm

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