

D® SMD LED, Bi-Color Right Angle 3.2mm x 1.5mm x 1.0mm

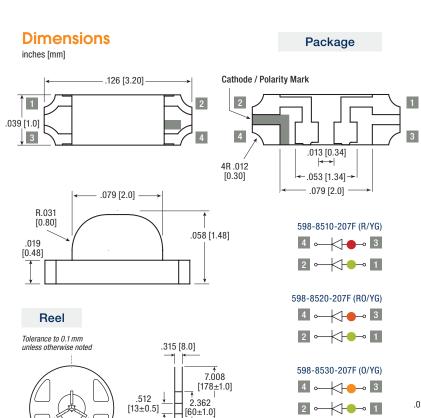


Certifications & Ratings

RoHS compliant

Features & Benefits

- Compatible with automatic placement equipment
- Packaged in 8 mm tape, 7" reel (3000 pcs/reel) and 20 per strip
- Meets EIA-481-1 pkg. std.



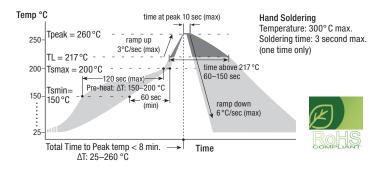
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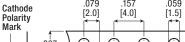
Part Number Guide RoHS Compliant 8 Χ Χ 2 0 F Χ Color **Packaging Option** Red 0 2 20 pieces on tape 1 Yellow-Green 7" reel Red-Orange 2 0 3000 pcs/reel Yellow-Green Orange 3 0 Yellow-Green Yellow 0 Yellow-Green Yellow 5 0 Green Yellow 6 0 Red

Soldering

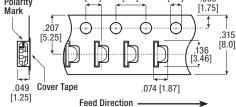


Reflow Profile





Tape



598-8550-207F (Y/G)

598-8540-207F (Y/YG)

4 0 3

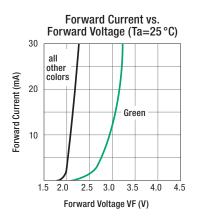
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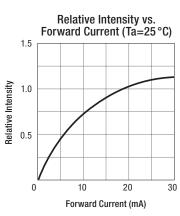


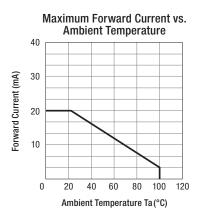




Electrical/Optical Characteristics				Luminous Intensity			Dominant Wavelength			Forward Voltage		Viewing	Thermal Resistance	Reverse Current Intensity	
Dialight P/N	Emitted Color	Material	Lens Color	If = 20 ma							Angle (°degrees)	(°C/W)	(μA)		
				Min	Тур	Max	Min	Тур	Max	Min	Тур	Max		Rth(j-s) If=20 ma	(Ir) VR=5 V
598-8510-207F	Red	AllnGaP	Water Clear	40	80	120	625	632	640	1.8	_	2.4	140	450	10
	Yellow-Green			30	40	50	562	567	575						
598-8520-207F	Red-Orange			90	150	200	620	625	630	1.8		2.4			
	Yellow-Green			30	40	50	562	567	570	1.0		2.4			
598-8530-207F	Orange			90	150	200	600	605	610	1.8		- 2.4			
	Yellow-Green			30	40	50	562	567	570	1.0					
598-8540-207F	Yellow			90	150	200	585	590	595	1.8		_ 2.4			
	Yellow-Green			30	40	50	562	567	570	1.0					
598-8550-207F	Yellow			90	150	200	585	590	595	1.8		2.4			
	Green			260	560	900	520	525	530	3.0		3.4			
598-8560-207F	Yellow	AllnGaP		90	150	200	585	590	595	1.8	_	2.4			
	Red			40	65	90	630	635	640						







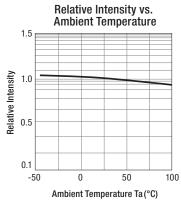
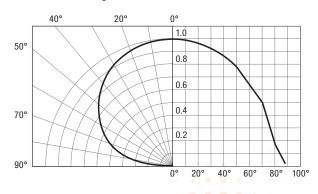


Diagram Characteristics of Radiation



Absolute Maximum Ratings @ Ts=25°C

Power Dissipation (mW)	•G	68		48			
Forward Current (mA)	20						
Reverse Voltage (V)	5						
Operating Temp (°C)	-40~+100						
Storage Temp (°C)	-40~+100						
Peak Pulse Fw Current (mA)	60						
Electrostatic Discharge		1000		2000			
(HBM) (V)	598-85	550-207F	_ Y/ _ G	all other part #s			
Junction Temp (°C)	105						

Dialight reserves the right to make changes at any time in order to supply the best product possible. The most current version of this document will always be available at: www.dialightsignalsandcomponents.com

Warranty Statement: Except for the warranty expressly provided for [herein/above/below], Dialight disclaims any and all other warranties, express or implied, including, without limitation, any warranties of merchantability, fitness for a particular purpose, title, and noninfringement.