

Part Number: **5552003F**

General Description

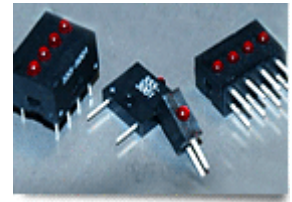
Series	555
Configuration	2 mm Lens
Description	2 mm Red 5V Integral Resistor Single CBI
Package Options	Bulk Packaging
Sizes	2mm
Lamp Type	Single Color
Viewing	Right Angle
Polarity	Cathode Right
Lens Style	Non-Diffused

Absolute Maximum Ratings (Ta = 25°)

Solder Temperature	260° for 5 sec
Operating Temperature	-40 to +85
Storage Temperature	-55 to +100

Operating Characteristics

Color	Red
Luminous Intensity Min	1
Luminous Intensity Typical	2.2
Test Current mA	5V
Emitted Color	Red



This is a
RoHS Compliant Product
[To learn more click here](#)

555-2xxx



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Typical Operating Characteristics ($T_A = 25^\circ\text{C}$)*See LED data sheet for additional information***GENERAL PURPOSE***See Page 3-17 and 3-18 for Reference Only LED Drive Circuit Examples**See Page 3-19 for Pin Out*

Part Number	Color	Peak Wavelength nm	I_V mcd	V_F Volts	Test Current (mA)	Viewing Angle $2\theta_{1/2}$	LED Data sheet	Page #
555-2001	Red	650	1.2	1.6	20	40°	2ND-9412	3-14
555-2301	Green	565	1	2.4	20	40°	2ND-9414	3-14
555-2401	Yellow	583	2	2.2	20	40°	2ND-9416	3-14

INTEGRAL RESISTOR, VARIOUS VOLTAGES

Part Number	Color	Peak Wavelength nm	I_V mcd	I_F mA	Test Voltage	Viewing Angle $2\theta_{1/2}$	LED Data sheet	Page #
555-2003	Red	650	1.9	6	5	40°	2RD-9614	3-15
555-2007	Red	650	.9	3	5	40°	2RD-9613	3-15
555-2008	Red	650	.9	3	24	40°	2RD-9623	3-16
555-2009	Red	650	.6	1	5	40°	2RD-9618	3-15
555-2303	Green	565	2.5	4.7	5	40°	2RD-9615	3-15
555-2403	Yellow	583	2.1	4.7	5	40°	2RD-9616	3-15