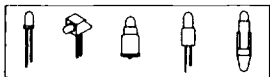


LED®

SUBMINIATURE T³/₄ (2mm) PCB LEDs

SURFACE MOUNT

PART NO:

SM555M-2001

RT. ANGLE	VERTICAL	LED RADIATION COLOR	ELECTRO-OPTICAL CHARACTERISTICS Ta=25°C If=100µA(MAX)				FEATURES
			If mA	Iv mcd min/typ	Vf typ/max	λp nm	

SURFACE MOUNT DIFFUSED WIDE ANGLE WITHOUT RESISTOR

SM555-2001	SM555-3001	DEEP RED	10	2.0/2.2	1.6/2.0	655	STD. PRODUCT LEAVE BLANK SI= SNAP IN P= LOCATING PIN
SM555-2101	SM555-3101	HI-EFF RED	10	1.0/3.0	2.2/3.0	635	
SM555-2301	SM555-3301	GREEN	10	1.0/1.3	2.2/3.5	555	
SM555-2401	SM555-3401	YELLOW	10	2.0/2.2	2.4/3.5	565	

SURFACE MOUNT WITH 5 VOLT INTEGRATED RESISTOR, DIFFUSED

SM555-2003	SM555-3003	DEEP RED	6	0.3/0.6	-/6	655	STD. PRODUCT LEAVE BLANK SI= SNAP IN P= LOCATING PIN
SM555-2004	SM555-3004	DEEP RED	16	0.6/1.2	-/6	655	
SM555-2007	SM555-3007	DEEP RED	3	1.0/2.0	-/6	655	
SM555-2303	SM555-3303	GREEN	5	0.2/0.5	-/6	565	
SM555-2403	SM555-3403	YELLOW	5	0.3/0.6	-/6	585	

ULTRA CLEAR WIDE ANGLE WITHOUT RESISTOR

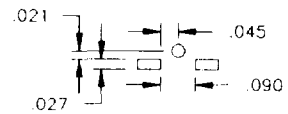
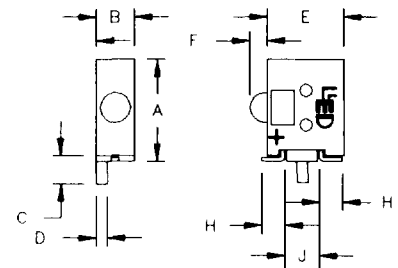
SM555-2CWR6	SM555-3CWR6	ULTRA RED	20	30/75	1.7/2.6	660	SAME AS ABOVE
SM555-2CY3K	SM555-3CY3K	3K mcd YEL	20	60/125	1.9/2.6	590	
SM555-2CWG6	SM555-3CWG6	U. GREEN	20	30/55	2.1/2.8	565	

SPECIALS:

- CLEAR BACKLIGHT ILLUMINATOR LEDs
- THROUGH HOLE MOUNT PAC LEDs
- LOW CURRENT 2mA LEDs

T_{opr} = -30°C TO +85°C T_{stg} = -30°C TO +100°C

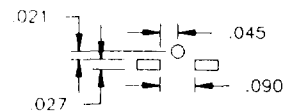
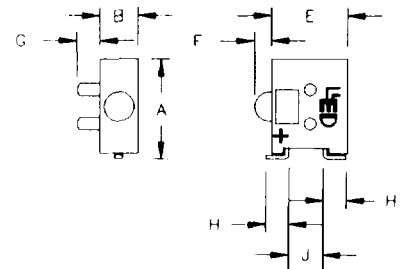
RIGHT ANGLE (LOCATING PIN) SM555M-2XXX-P



.035 HOLE FOR PIN

FOOTPRINT

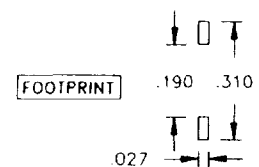
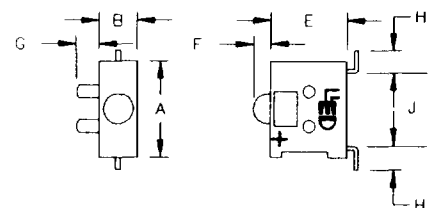
RIGHT ANGLE (INTERLOCKING) SM555M-2XXX-SI



.035 HOLE FOR PIN

FOOTPRINT

VERTICAL (INTERLOCKING) SM555M-3XXX-SI

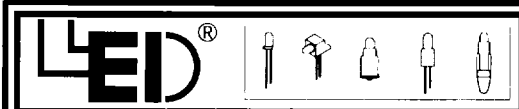


MECHANICAL SPECIFICATIONS

MODEL	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	J (mm)
SM555-2XXX-P	.265" (6.73)	.100" (2.54)	.075" (1.90)	.028" (0.71)	.200" (5.08)	.045" (1.14)	—	.060" (1.52)	.090" (2.29)
SM555-2XXX-SI	.265" (6.73)	.100" (2.54)	—	—	.200" (5.08)	.045" (1.14)	.120" (3.05)	.060" (1.52)	.090" (2.29)
SM555-3XXX-SI	.250" (6.35)	.100" (2.54)	—	—	.200" (5.08)	.045" (1.14)	.120" (3.05)	.060" (1.52)	.190" (4.83)

ALL PARTS SHOWN SCALE: 2 : 1

LEDTRONICS, INC. 4009 PACIFIC COAST HWY, TORRANCE, CALIFORNIA 90505 PH: (310)534-1505 FAX: (310)534-1424



SUBMINIATURE T³/₄ (2mm) PCB LEDs THROUGH HOLE

PART NO: **555M-2001**

RT. ANGLE	VERTICAL	LED RADIATION COLOR	ELECTRO-OPTICAL CHARACTERISTICS Ta=25°C Ir=100µA(MAX)				FEATURES
			If mA	Iv med min/typ	Vf typ/max	A P nm	

DIFFUSED WIDE ANGLE WITHOUT RESISTOR

555M-2001	555M-3001	DEEP RED	10	2.0/2.2	1.6/2.0	655	STD. PRODUCT LEAVE BLANK
555M-2101	555M-3101	HI-EFF. RED	10	1.0/3.0	2.2/3.0	635	SI- SNAP IN
555M-2301	555M-3301	GREEN	10	1.0/1.3	2.2/3.5	565	
555M-2401	555M-3401	YELLOW	10	2.0/2.2	2.4/3.5	585	

5 VOLT INTEGRATED RESISTOR, DIFFUSED

555M-2003	555M-3003	DEEP RED	6	0.3/0.6	-/6	655	STD. PRODUCT LEAVE BLANK
555M-2004	555M-3004	DEEP RED	16	0.6/1.2	-/6	655	SI- SNAP IN
555M-2007	555M-3007	DEEP RED	3	1.0/2.0	/6	655	
555M-2303	555M-3303	GREEN	5	0.2/0.5	/6	565	
555M-2403	555M-3403	YELLOW	5	0.3/0.6	-/6	585	

ULTRA CLEAR WIDE ANGLE WITHOUT RESISTOR

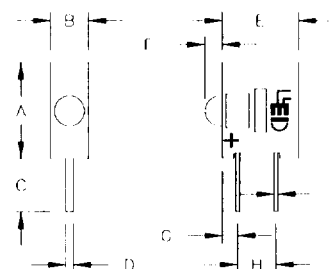
555M-2CWR6	555M-3CWR6	ULTRA RED	20	30/75	1.7/2.8	660	STD. PRODUCT LEAVE BLANK
555M-2CY3K	555M-3CY3K	3Kmc YELLOW	20	60/125	1.9/2.6	590	SI- SNAP IN
555M-2CWG6	555M-3CWG6	UL. GREEN	20	30/55	2.1/2.8	565	

SPECIALS:

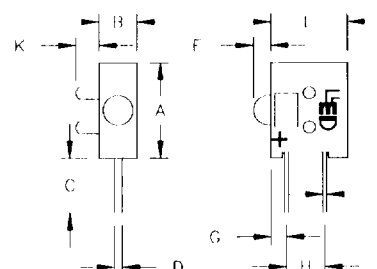
- CLEAR BACKLIGHT ILLUMINATOR LEDS
- SURFACE MOUNT PCB LEDS
- LOW CURRENT 2mA LEDS

Temp. - -30°C TO +85°C Tstg. - -30°C TO +100°C

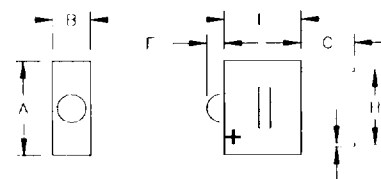
RIGHT ANGLE (WITH STANDOFF)
555M-2XXX



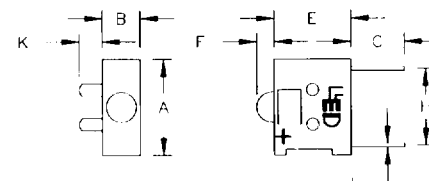
RIGHT ANGLE (INTERLOCKING)
555M-2XXX-SI



VERTICAL (NO STANDOFF)
555M-3XXX



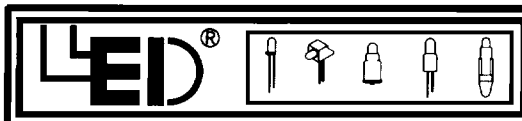
VERTICAL (INTERLOCKING)
555M-3XXX-SI



MECHANICAL SPECIFICATIONS

MODEL	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	J (mm)	K (mm)
555M-2XXX	.250" (6.35)	.100" (2.54)	.140" (3.56)	.027" (0.69)	.200" (5.08)	.045" (1.14)	.040" (1.02)	.100" (2.54)	.010" (0.25)	
555M-2XXX-SI	.250" (6.35)	.100" (2.54)	.140" (3.56)	.027" (0.69)	.200" (5.08)	.045" (1.14)	.040" (1.02)	.100" (2.54)	.010" (0.25)	.120" (3.05)
555M-3XXX	.250" (6.35)	.100" (2.54)	.140" (3.56)		.200" (5.08)	.045" (1.14)		.200" (5.08)	.010" (0.25)	
555M-3XXX-SI	.250" (6.35)	.100" (2.54)	.140" (3.56)		.200" (5.08)	.045" (1.14)		.200" (5.08)	.010" (0.25)	.120" (3.05)

ALL PARTS SHOWN SCALE: 2 : 1



SUBMINIATURE T³/₄ (2mm) PCB ARRAYS SURFACE MOUNT

ORDERING INFO:

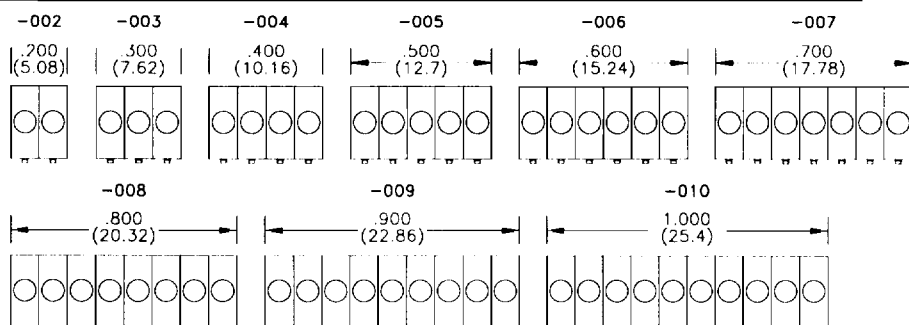
- 1.) FOR SAME COLOR AND TYPE OF LED IN THE ARRAY, REPLACE '-XXX' IN PART NO. WITH -002 (2-LEDS), -004 (4-LEDS), -010 (10-LEDS), ETC. FOR 2 TO 10 LED ARRAYS.
- 2.) FOR MIX COLOR ARRAY OF SAME TYPE LEDS, REPLACE '-XXX' IN PART NO. WITH -2R (2 RED LEDS), -2R1Y1G (2 RED, 1 YEL, 1 GRN), -5R2Y3G (5 RED, 2 YEL, 3 GRN), ETC. MAKE ANY COLOR ARRANGEMENT OF YOUR CHOICE. CAN ALSO MIX RESISTOR 5V AND NON-RESISTOR LEDS IN SAME ARRAY. CALL FACTORY FOR PART NO. INFO.

SM555-2001-004

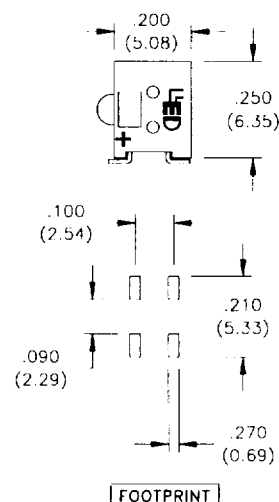
BODY STYLE	NUMBER IN ARRAY
LED MOUNTING STYLE	RESISTORED LED VALUE
2 = RT. ANGLE	1 = NR
3 = VERTICAL	3 = 5V/5-6mA
	4 = 5V/10-16mA
	7 = 3mA (RED ONLY)
	COLOR & BRIGHTNESS
	0 = Gap RFD
	1 = III. LIT RED
	3 = GREEN
	4 = YELLOW

REFER TO PREVIOUS PAGE FOR ELECTRICAL AND MECHANICAL SPECS. & OPTIONAL FEATURES.

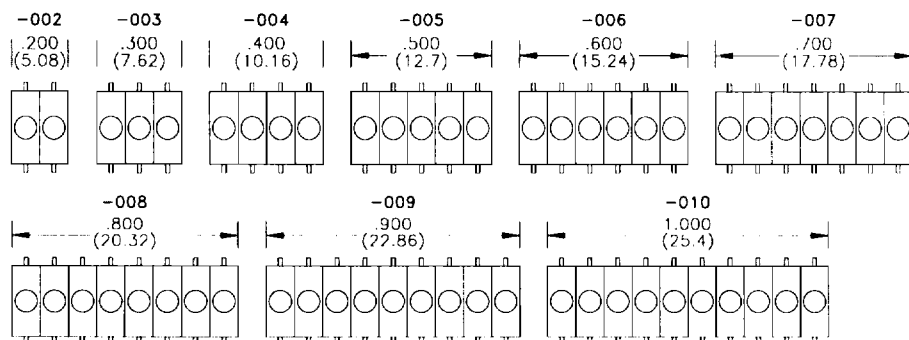
RIGHT ANGLE SURFACE MOUNT ARRAYS



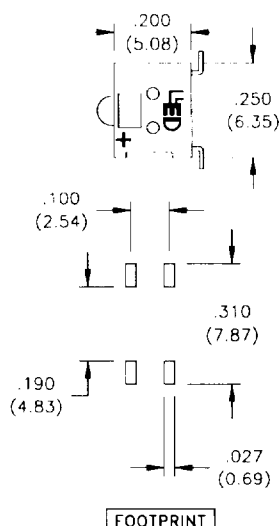
SM555-2XXX-XXX (RT. ANGLE SURFACE MOUNT)



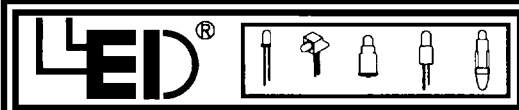
VERTICAL SURFACE MOUNT ARRAYS



SM555-3XXX-XXX (VERTICAL SURFACE MOUNT)



ALL PARTS SHOWN SCALE 2 : 1



SUBMINIATURE T³/₄ (2mm) PCB ARRAYS THROUGH HOLE

ORDERING INFO:

- 1.) FOR SAME COLOR AND TYPE OF LED IN THE ARRAY, REPLACE '-XXX' IN PART NO. WITH -002 (2-LEDS), -004 (4-LEDS), -010 (10-LEDS), ETC. FOR 2 TO 10 LED ARRAYS.
- 2.) FOR MIX COLOR ARRAY OF SAME TYPE LEDES, REPLACE '-XXX' IN PART NO. WITH -2R (2 RED LEDES), -2R1Y1G (2 RED, 1 YEL, 1 GRN), -5R2Y3G (5 RED, 2 YEL, 3 GRN), ETC. MAKE ANY COLOR ARRANGEMENT OF YOUR CHOICE. CAN ALSO MIX RESISTOR 5V AND NON-RESISTOR LEDES IN SAME ARRAY. CALL FACTORY FOR PART NO. INFO.

555-2001-004

BODY STYLE ———

LED MOUNTING STYLE ———

2 = RT. ANGLE
3 = VERTICAL

NUMBER IN ARRAY ———

RESISTORED LED VALUE

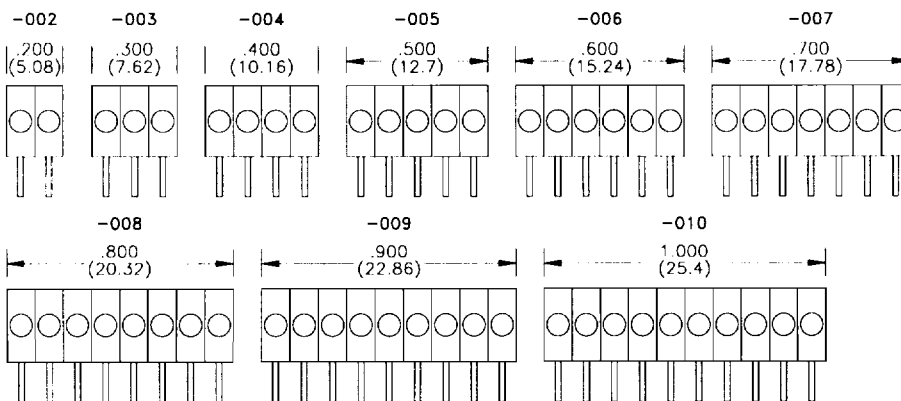
1 = NR
3 = 5V/5-6mA
4 = 5V/10-16mA
7 = 3mA (RED ONLY)

COLOR & BRIGHTNESS

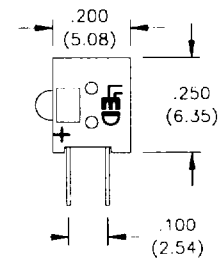
0 = Gap RED
1 = HI-EFF RED
3 = GREEN
4 = YELLOW

REFER TO PREVIOUS PAGE FOR
ELECTRICAL AND MECHANICAL
SPECS. & OPTIONAL FEATURES.

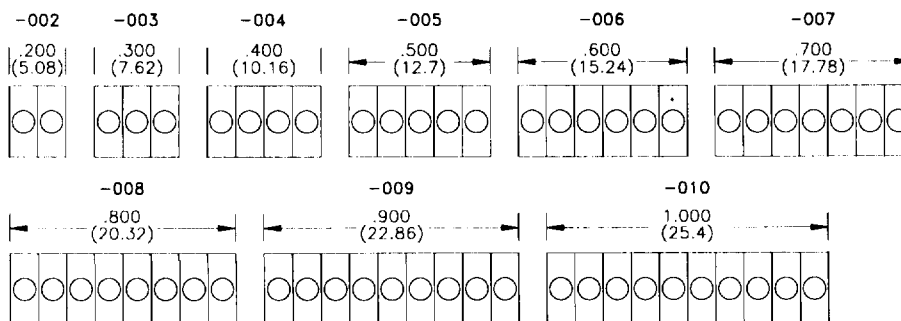
RIGHT ANGLE THROUGH HOLE ARRAYS



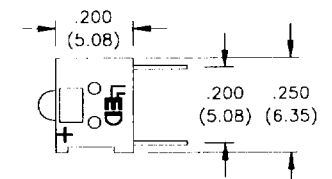
**555M-2XXX-XXX
(RT. ANGLE)**



VERTICAL MOUNT THROUGH HOLE ARRAYS



**555M-3XXX-XXX
(VERTICAL)**



ALL PARTS SHOWN SCALE 2 : 1