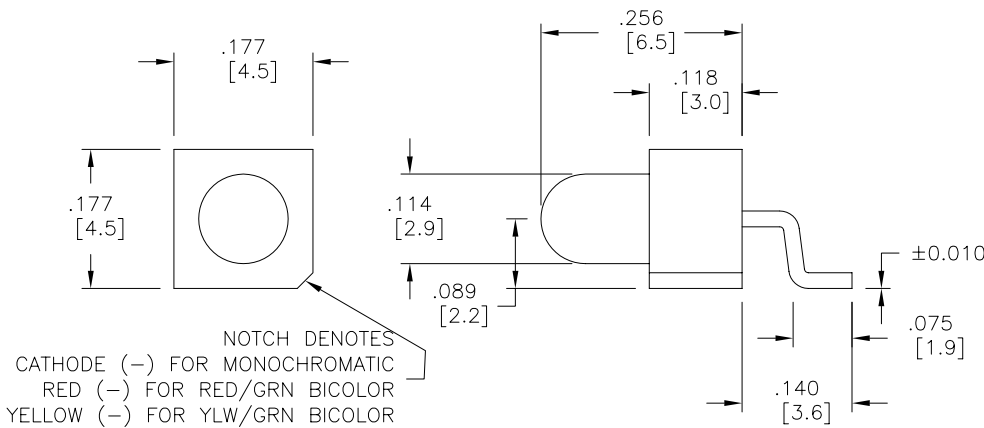


LTR	REVISION	DATE	APPD
G	090612-GP01: ADDED NOTES#5 & #6 AND ADDED COPLANARITY TO ±0.010	09-06-12	GP



**PCB LAYOUT**

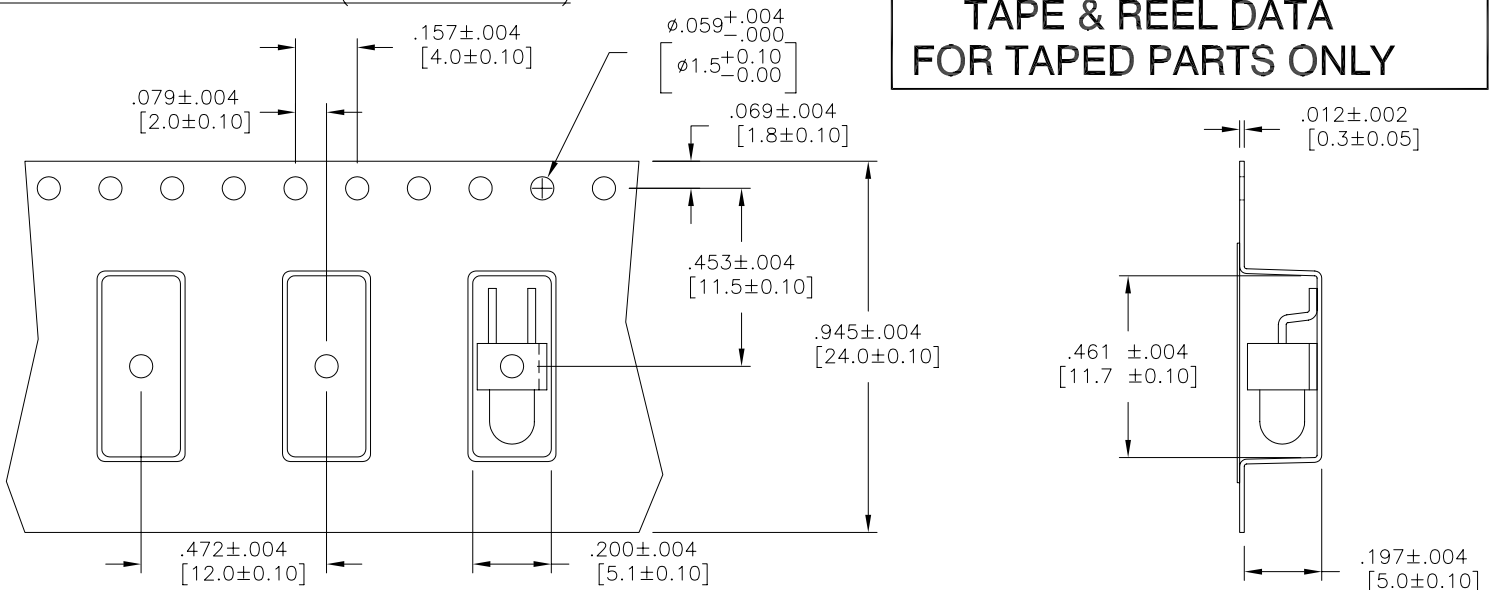
**SPECIALS**

- CLEAR LENS
- OTHER COLORS
- LOW CURRENT

**BULK ORDER ONLY**

**TAPE & REEL SPECS (SCALE = 2:1)**

**TAPE & REEL DATA FOR TAPED PARTS ONLY**



**NOTES:**

1. DIAMETER OF TAPE REEL TO BE 13" DIA., 30mm WIDE.
2. 1000 PIECES PER REEL.
3. REEL MATERIAL: BLACK CONDUCTIVE POLYSTYRENE.
4. TAPE & REEL IN ACCORDANCE WITH EIA-STD-481
5. RECOMMENDED FOR HAND SOLDERING ONLY.
6. LEAD COPLANARITY WILL BE PER THE SPECS.

**READINGS FOR LOW CURRENT**

LEDTRONICS PART NO.	L.E.D. RADIATION COLOR	LENS COLOR	ELECTRO-OPTICAL CHARACTERISTICS (T <sub>a</sub> =25°C)				
			I <sub>f</sub> =mA typ	I <sub>v</sub> mcd min/typ	V <sub>f</sub> =V typ/max	VIEW ANGLE	λ <sub>P</sub> nm
SM110TG4	HI-EFF GREEN	DIFFUSED	10	1.7/5.6	2.2/2.5	60	565
SM110TR4	HI-EFF RED	DIFFUSED	10	1.7/5.6	2.0/2.5	60	630
SM110TY4	YELLOW	DIFFUSED	10	1.7/5.5	2.1/2.5	60	590
SM110TWRG4	HI-EFF RED	DIFFUSED	10	1.7/5.6	2.0/2.8	60	635
	HI-EFF GREEN	DIFFUSED	10	1.7/5.6	2.1/2.8	60	565
SM110TWYG4	YELLOW	DIFFUSED	10	1.7/5.5	2.1/2.8	60	585
	HI-EFF GREEN	DIFFUSED	10	1.7/5.6	2.1/2.8	60	565

ELECTRO-OPTICAL CHARACTERISTICS (T <sub>a</sub> =25°C)				
I <sub>f</sub> =mA typ	I <sub>v</sub> mcd min/typ	V <sub>f</sub> =V typ/max	VIEW ANGLE	λ <sub>P</sub> nm
2	0.7/1.4	1.8/2.4	60	565
2	0.4/0.8	1.7/2.4	60	630
2	0.7/1.4	1.8/2.4	60	590
2	0.2/0.4	1.7/2.4	60	635
2	0.2/0.3	1.8/2.4	60	565
2	0.7/1.4	1.8/2.4	60	585
2	0.2/0.3	1.8/2.4	60	565

**LED**<sup>®</sup>  
LEDTRONICS,™ INC.  
23105 KASHIWA COURT  
TORRANCE, CA 90505

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.XXX ± .010 TOLERANCE PER ANSI-Y14.5  
.XX ± .025 (UNLESS OTHERWISE STATED)  
ANGLES ± 0°,30'  
FRACT. ± 1/32

TITLE			
<b>SM110TX4</b>			
DWG NO	SCALE	SHEET	DATE
DSTR0011	4:1	1 OF 1	02-22-94
CODE IDENT NO.	DWG BY	CHK BY	QA RD
8Z410	MM 02-22-94		09-10-12
			MFG LD
			09-07-12
			R&D BJ
			09-07-12