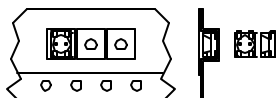
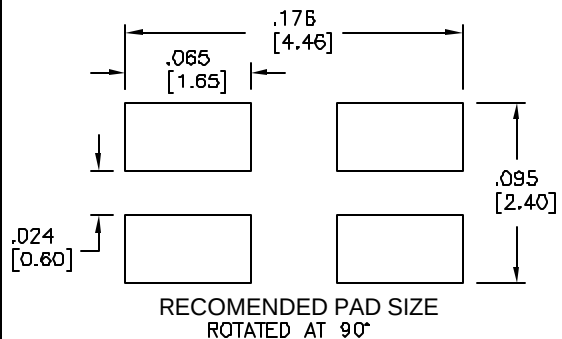
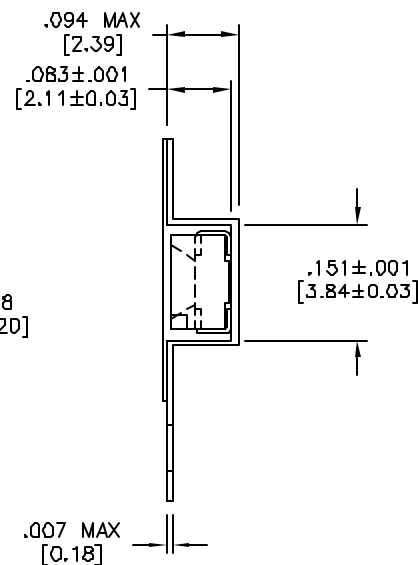
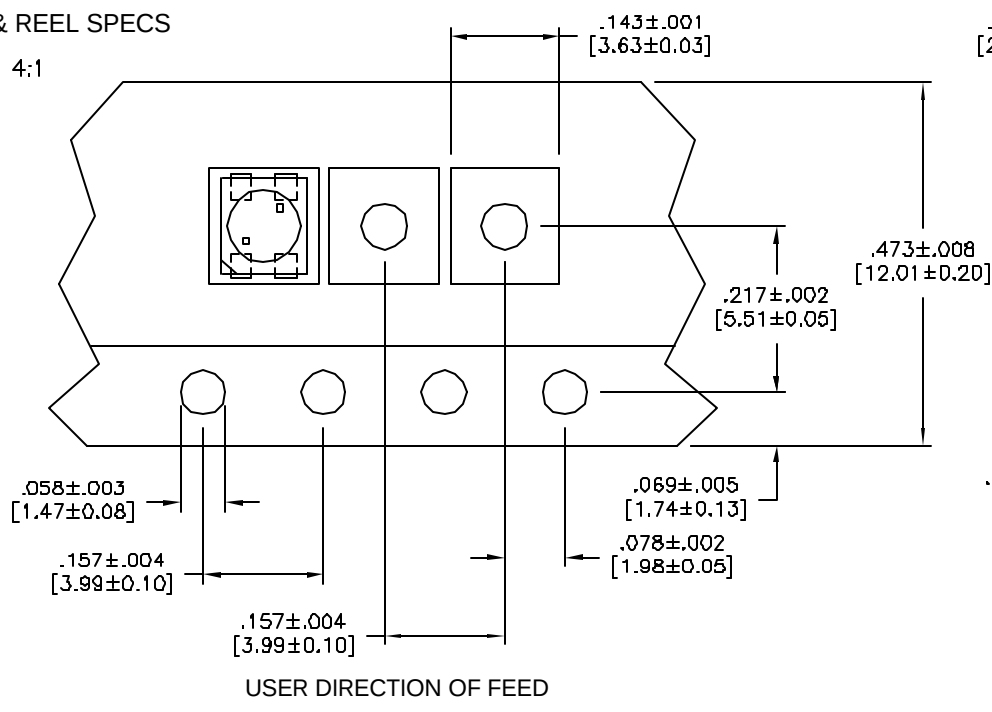


Actual Size



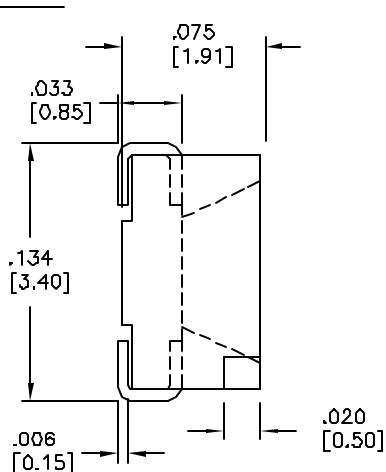
TAPE & REEL SPECS

SCALE: 4:1



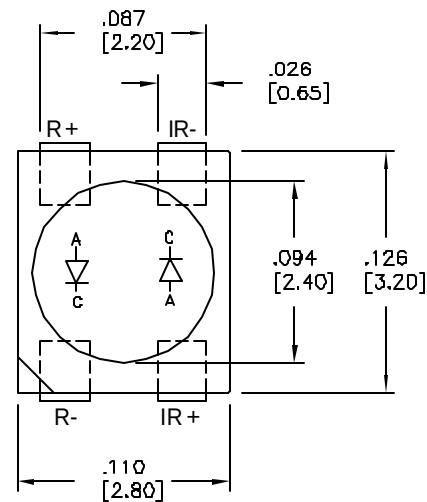
NOTES:

1. ALL DIMENSIONS ARE IN INCHES (mm).
2. TOLERANCES IS $\pm .010$ " (0.25mm) UNLESS OTHERWISE SPECIFIED.
3. SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE.
4. 7 INCH REEL - 2000 PIECES PER REEL.



COMPONENT SPEC.

SCALE: 10:1



L.E.D. RADIATION COLOR	L.E.D. APPEARANCE	ABSOLUTE MAXIMUM RATINGS (Ta=25°C)						ELECTRO-OPTICAL CHARACTERISTICS (Ta=25°C)						
		DERATING LINEAR FORM 25	Pd mW	Ifp mA	If mA	Vr V	Topr (°C)	If mA	Iv mod typ	Vf=V typ/max	VIEW ANGLE 2θ1/2	Ir max μA	Δλ nm	λPeak nm
ULTRA RED	WATER CLEAR	0.4	69	120	30	5	-40 TO +85	20	40	2.0/2.6	120	100	20	660

L.E.D. RADIATION COLOR	L.E.D. APPEARANCE	ABSOLUTE MAXIMUM RATINGS (T _a =25°C)						ELECTRO-OPTICAL CHARACTERISTICS (T _a =25°C)						
		DERATING LINEAR FORM 25	P _d mW	I _{fp} mA	I _f mA	V _r V	T _{opr} (°C)	I _f mA	Radiant Power mW/Sr	V _f =V typ/max	VIEW ANGLE 2θ _{1/2}	I _r max μA	Δλ nm	λ _{Peak} nm
INFRARED	WATER CLEAR	0.4	90	120	100	5	-40 TO +85	20	0.6	2.2/2.8	120	100	50	940

Tstg: -40°C TO +85°C

*DUTY CYCLE=0.1, 1KHz

LEAD SOLDERING TEMP: [1.6mm (.063in) FROM BODY] 260°C±5° FOR 3 SEC.

 LEDTRONICS, INC.TM 23105 KASHIWA COURT TORRANCE, CA 90505	-PROPRIETARY- This document contains Proprietary information of LEDTRONICS, INC. It may not be copied, used or disclosed for any purpose without the prior express written consent of LEDTRONICS, INC.		TITLE SML12R3KIR941T					
	DWG NO DSTR0089		SCALE NONE		SHEET 1 OF 1		DATE www.DataSheet4U. 09-11-01	
	CODE IDENT NO. RZ410	DWG BY RM	CHK BY PL 09-16-03	QA	MFG	CUSTOMER		
	XXX ± .010 TOLERANCE PER ANSI-Y14.5 XX ± .025 (UNLESS OTHERWISE STATED) ANGLES ± 0°.30' FRACT. ± 1/32							