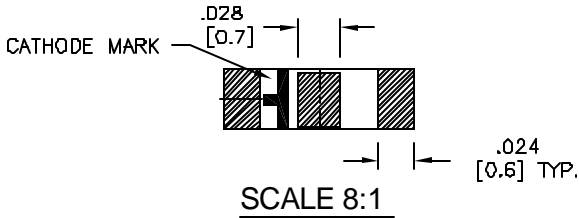
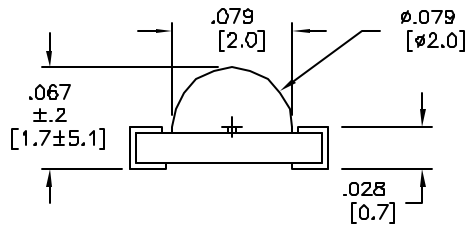
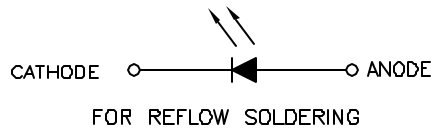
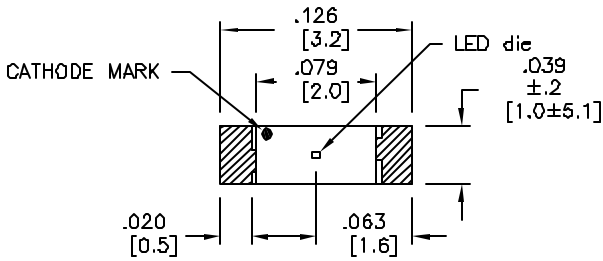
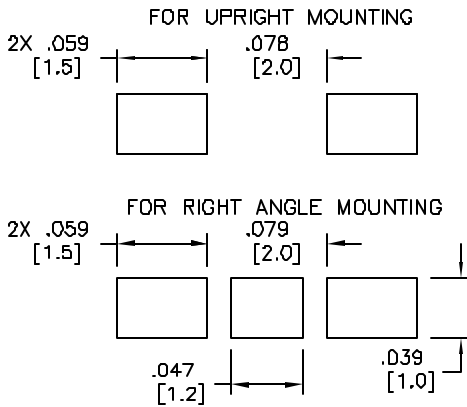
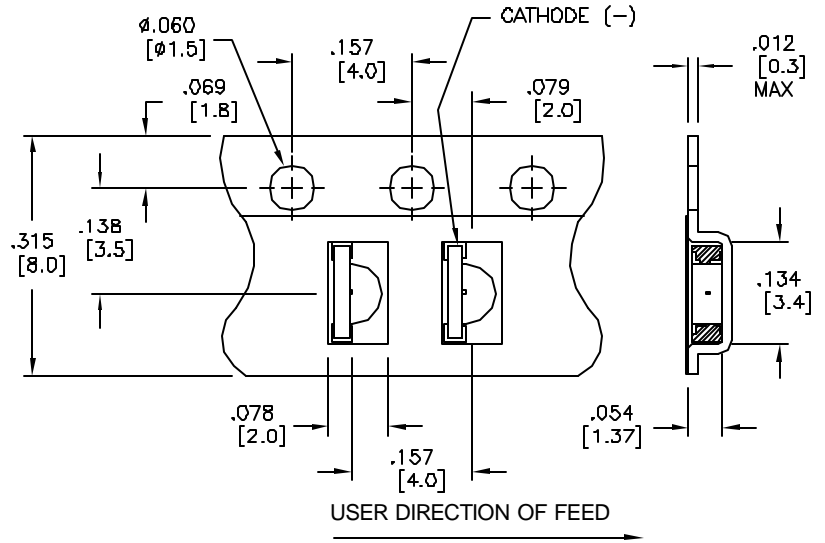


LTR	REVISION	DATE	APPD
-	RELEASED	12-03-04	

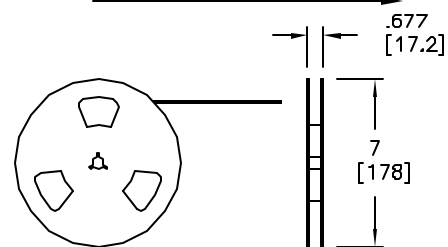


SCALE 8:1



SUGGESTED PAD LAYOUT

USER DIRECTION OF FEED



RISE/FALL TIME Ifp= 20Ma, PW= 10uS, DC= 1%	
Tr (ns)	Tf (ns)
500	200

NOTES:

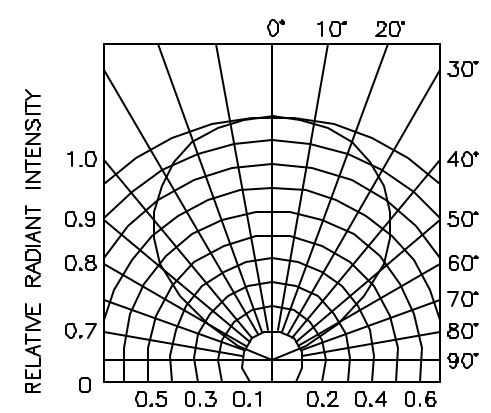
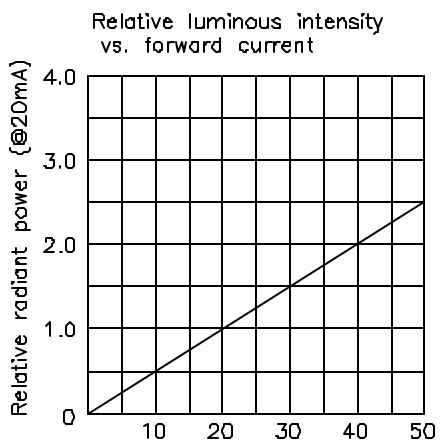
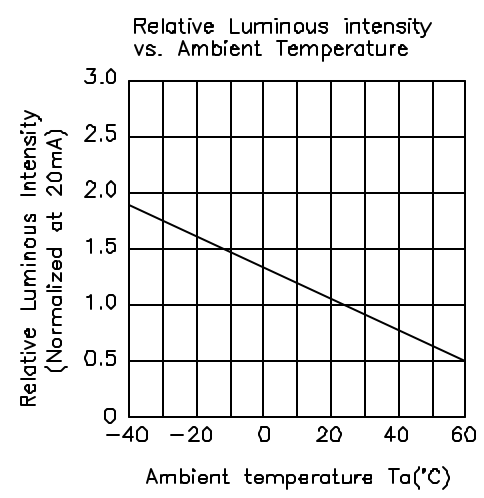
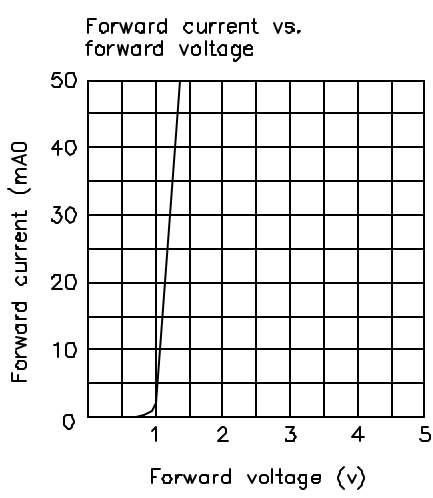
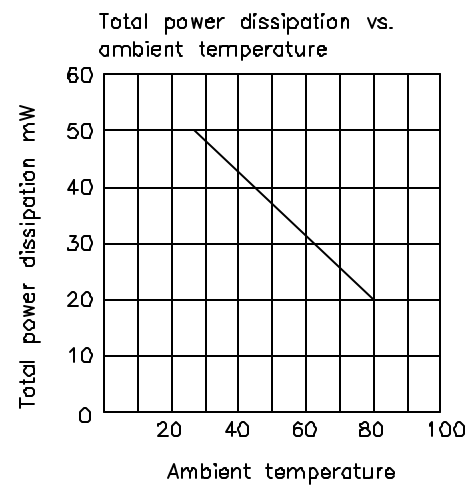
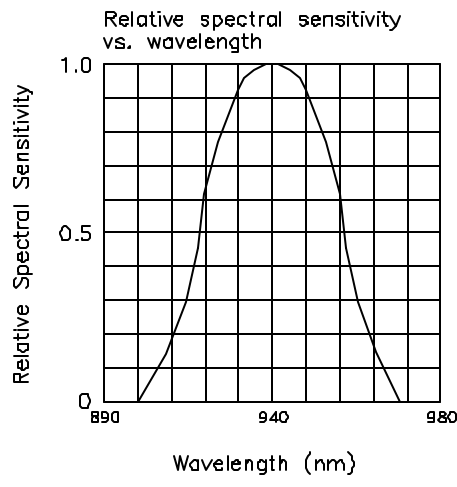
- 7 INCH REEL - 3000 PIECES PER REEL
- ALL DIMS ARE IN INCHES (MILLIMETERS).
- TOLERANCE IS $\pm 0.010"$ ($\pm 0.25\text{mm}$) UNLESS OTHERWISE SPECIFIED.
- SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE.
- LEADS TO BE SOLDERABLE AND CAPABLE OF MEETING THE SOLDERABILITY REQUIREMENTS OF MIL-STD-202, METHOD 208.
- MANUFACTURE DATE SHALL NOT BE OLDER THAN 26 WEEKS.
- TAPE AND REEL TO BE IN ACCORDANCE WITH STANDARD EIA-481-A

LEDTRONICS PART NO.	L.E.D. RADIATION COLOR	L.E.D. APPEARANCE	ABSOLUTE MAXIMUM RATINGS (Ta=25°C)					ELECTRO-OPTICAL CHARACTERISTICS (Ta=25°C)						
			Pd mW	Ifp* mA	If mA	Vr V	Topr (°C)	If mA	RADIANT POWER Ie mw/sr	Vf=V typ/max	VIEW ANGLE 2Ø1/2	Ir max µA Vt=5V	Δλ nm	λPeak nm
SMR10IR941-TR	INFRARED	WATER CLEAR	100	500	50	5	-25°C~80°C	50	4	1.3/1.8	105	100	50	940

Tstg: -30°C~85°C * 1 pulse With= 10us, 1% Duty Cycle.
Tsol: 245°C±5°C within 5 sec. 250°C (Max)

 LEDTRONICS, INC. 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 SMR10IR941-TR									
	DWG NO DST0125		SCALE 8:1		SHEET 1 OF 2		DATE 12-03-04					
	CODE IDENT NO. 8Z410		DWG BY RR		CHK BY PL		QA GZ		MFG 12-07-04		CUSTOMER	
	.XXX ± .010 TOLERANCE PER ANSI-Y14.5 .XX ± .025 (UNLESS OTHERWISE STATED) ANGLES ± 0°.30° FRACT. ± 1/32											

LTR	REVISION	DATE	APPD
-	RELEASED	12-06-04	



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

TITLE SMR10IR941-TR (SPECTRAL CURVES)			
DWG NO DSTR0125-A	SCALE 2:1	SHEET 2 OF 2	DATE 12-06-04
CODE IDENT NO. 8Z410	DWG BY RR	CHK BY PL 12-07-04	QA GZ 12-07-04
MFG		CUSTOMER	