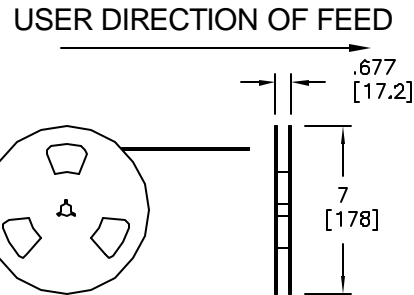
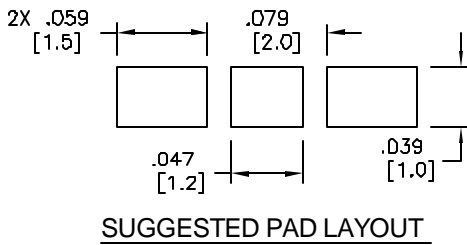
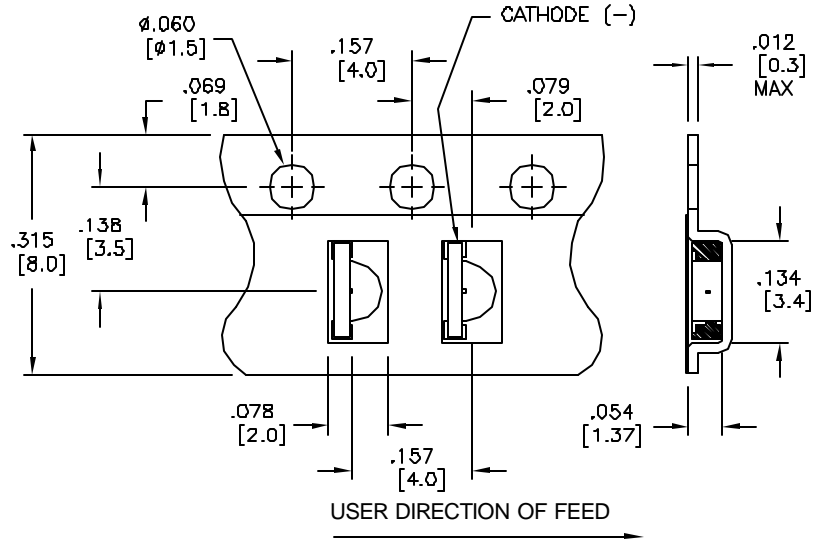
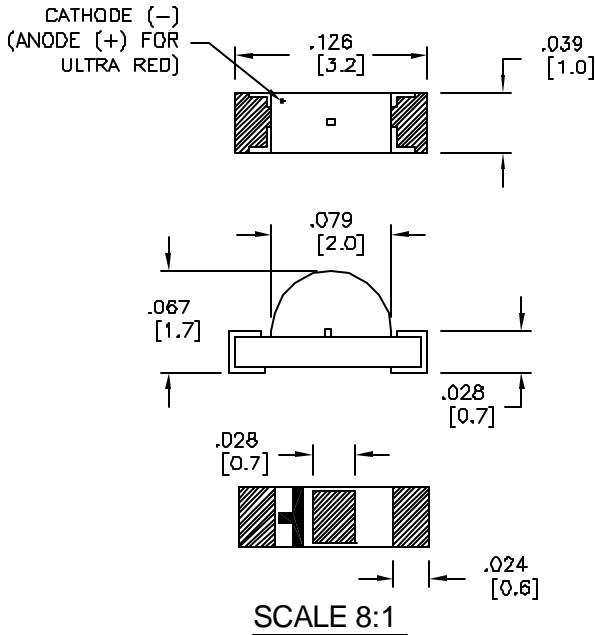


LTR	REVISION	DATE	APPD
-	RELEASED	07-01-03	
A	120704-PL01: REVISED DATA ON TABLE	12-08-04	



NOTES:

- 7 INCH REEL - 3000 PIECES PER REEL
- ALL DIMS ARE IN INCHES (MILLIMETERS).
- TOLERANCE IS $\pm 0.10''$ ($\pm 0.25\text{mm}$) 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	Ip mA	If mA	Vr V	ToPr (°C)	If mA	Iv med min/typ	Vf=V typ/max	VIEW LIFE 201/2	Ir max µA	λDOM nm	λPeak nm
SMR10R1KH-TR	SUPER RED	WATER CLEAR	100	100	30	5	-25 TO +80	20	8/27	1.8/2.6	105	100	643	680
SMR10R3KH-TR	SUPER RED	WATER CLEAR	100	100	30	5	-25 TO +80	20	12/30	2.1/2.6	105	100	643	680
SMR10E1KH-TR	SUPER RED	WATER CLEAR	100	100	30	5	-25 TO +80	20	42/70	2.1/2.6	105	100	632	645
SMR10OR3KH-TR	SP. OR. RED	WATER CLEAR	100	100	30	5	-25 TO +80	20	42/70	2.1/2.6	105	100	615	620
SMR10E3KH-TR	SUPER RED	WATER CLEAR	100	100	30	5	-25 TO +80	20	42/70	2.0/4.0	105	100	625	630
SMR10G1KH-TR	SUPER GREEN	WATER CLEAR	100	100	30	5	-25 TO +80	20	28/40	2.1/4.0	105	100	570	570
SMR10BG3KH-TR	BLUE GREEN	WATER CLEAR	100	100	30	5	-25 TO +80	20	63/130	2.0/2.6	105	100	505	505
SMR10AG3KH-TR	AQUA GREEN	WATER CLEAR	100	100	30	5	-25 TO +80	20	94/200	2.2/2.6	105	100	525	525
SMR10PY3KH-TR	SUPER YELLOW	WATER CLEAR	100	100	30	5	-25 TO +80	20	42/70	2.0/2.6	105	100	587	590
SMR10D3KH-TR	SUPER ORANGE	WATER CLEAR	100	100	30	5	-25 TO +80	20	42/70	3.5/4.0	105	100	605	610
SMR10PB1KH-TR	SUPER BLUE	WATER CLEAR	120	100	30	5	-25 TO +80	5	8.2/30	2.8/3.2	105	1	473	470

Tstg: -30°C TO +85°C

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23105 KASHIWA COURT
TORRANCE, CA 90505

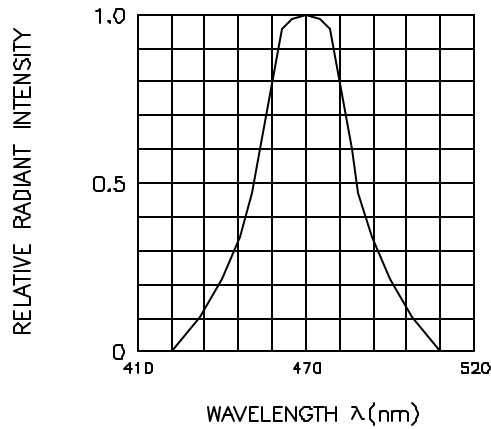
PROPRIETARY.
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XXX ± .010 TOLERANCE PER ANSI-Y14.5
.XX ± .025 (UNLESS OTHERWISE STATED)
ANGLES ± 0°.30'
FRACT. ± 1/32

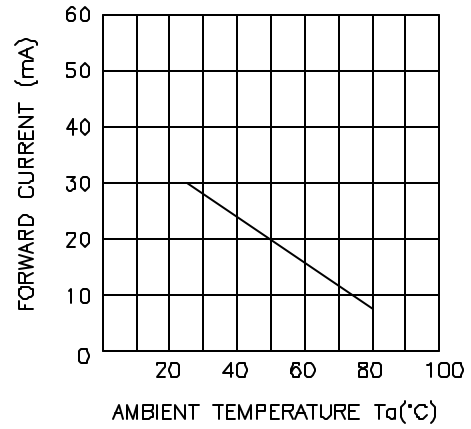
TITLE			
SMR10XXKH-TR			
DWG NO	SCALE	SHEET	DATE
DSTR0107	1:1	1 OF 1	07-01-03
CODE IDENT NO.	DWG BY	CHK BY	QA GZ
8Z410	SMA/RM	12-09-04	12-09-04
MFG			CUSTOMER

LTR	REVISION	DATE	APPD
-	RELEASED	07-01-03	

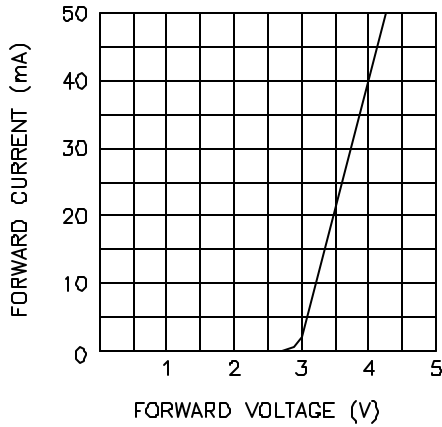
RELATIVE INTENSITY VS. WAVELENGTH



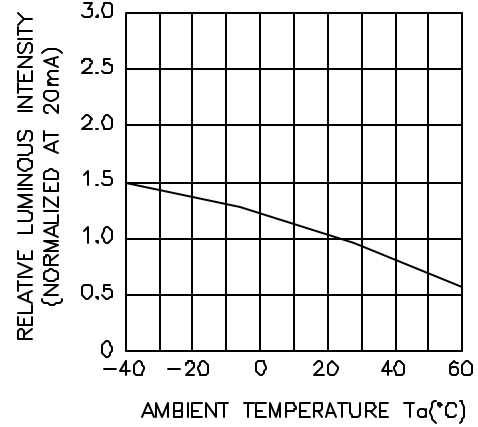
FORWARD CURRENT DERATING CURVE



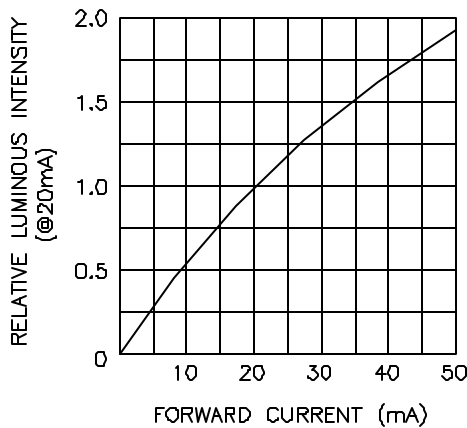
FORWARD CURRENT VS. FORWARD VOLTAGE



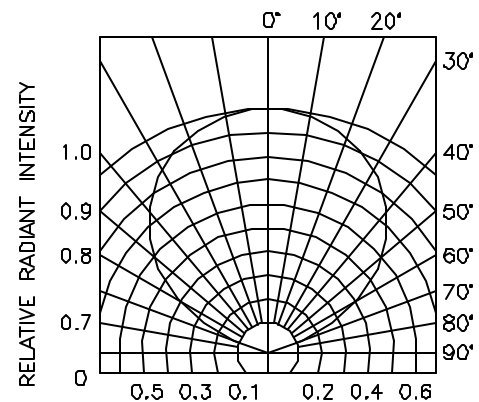
RELATIVE LUMINOUS INTENSITY VS. AMBIENT TEMPERATURE



RELATIVE LUMINOUS INTENSITY VS. FORWARD CURRENT



RADIATION DIAGRAM



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

TITLE
SMR10PB1KH-TR (SPECTRAL CURVES)

DWG NO	SCALE	SHEET	DATE
DSTR0107-A	2:1	1 OF 1	07-01-03
CODE IDENT NO.	DWG BY	CHK BY	QA
8Z410	RM	PL	
MFG	CUSTOMER		