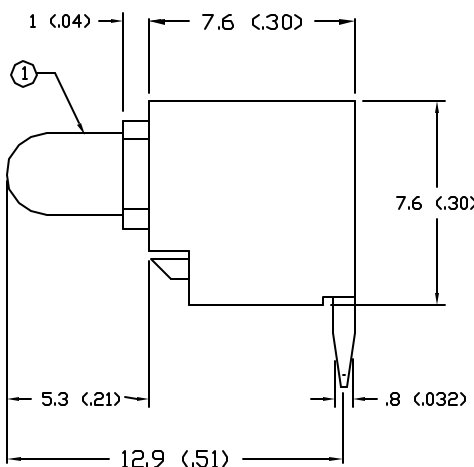
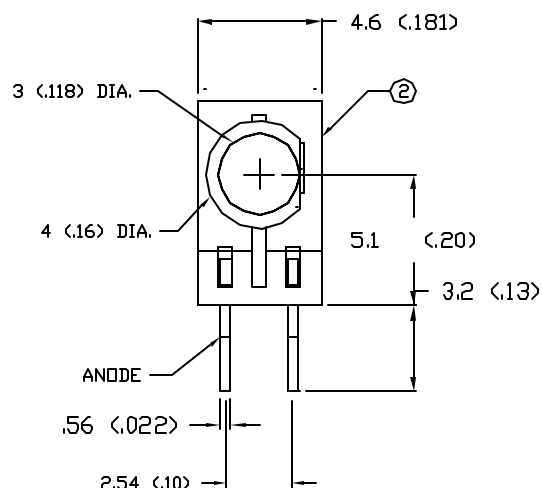


UNCONTROLLED DOCUMENT

PART NUMBER
IFS-LX4F-3052HD-9REV.
A

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #11148.	02.05.07



ELECTRO-OPTICAL CHARACTERISTICS TA=25°C					If=20mA	
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND	
PEAK WAVELENGTH		700 (RED)		nm		
FORWARD VOLTAGE		2.0	2.5	V _f		
REVERSE VOLTAGE	5.0			V _r	I _r =100uA	
AXIAL INTENSITY		4.0		mcd	I _f =20mA	
VIEWING ANGLE		80		2x theta		
EMITTED COLOR :		RED				
EPOXY LENS FINISH:		RED DIFFUSED				

LIMITS OF SAFE OPERATION AT 25 DEG. C		
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT *	150	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	105	mW
DERATE FROM 25 °C	-1.6	mW/ °C
OPERATING, STORAGE TEMP.	-40 TO +85	°C
LEAD SOLDERING TEMP.	+260	°C
2.0mm FROM BODY		3 SEC. MAX
* t<10uS		

(A) B.O.M.

1. SSL-LX3054HD OR SSL-LX3052HD AS ALTERNATE.
2. IFS-LX4FRA RIGHT ANGLE HOLDER.
3. CUT LED LEADS TO 5mm. INSERT LED INTO HOLDER WITH POLARITY AS SHOWN.

*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.038), XX=±0.5 (±0.020), XXX=±0.25 (±0.010), XXXX=±0.127 (±0.005). LEAD SIZE=±0.05 (0.002), LEAD LENGTH=±0.75 (±0.030). MIN= +DECIMAL PRECISION MAX= +0.00 -DECIMAL PRECISION

REV.

A

PART NUMBER

IFS-LX4F-3052HD-9

T-3 (T-1) LED, RIGHT ANGLE, RED DIFFUSED.

CONFIDENTIAL INFORMATION

THE INFORMATION CONTAINED IN THIS DOCUMENT IS THE PROPERTY OF LUMEX INC. EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITING BY LUMEX INC., THE HOLDER OF THIS DOCUMENT SHALL KEEP ALL INFORMATION CONTAINED HEREIN CONFIDENTIAL AND SHALL PROTECT SAME IN WHOLE OR IN PART FROM DISCLOSURE AND DISSEMINATION TO ALL THIRD PARTIES.

RELIABILITY NOTE

OUR MANY YEARS OF EXPERIENCE DATA ACCUMULATION INDICATE THAT SOLDER HEAT IS A MAJOR CAUSE OF EARLY AND FUTURE FAILURE. PLEASE PAY ATTENTION TO YOUR SOLDERING PROCESS.



290 E. HELEN ROAD
PALATINE, IL 60067-6976
PHONE: +1.847.359.2790
US WEB: www.lumex.com
TW WEB: www.lumex.com.tw

DRAWN BY:

JC

CHECKED BY:

APPROVED BY:

DATE: 11.12.91

PAGE: 1 OF 1

SCALE: N/A

UNCONTROLLED DOCUMENT

