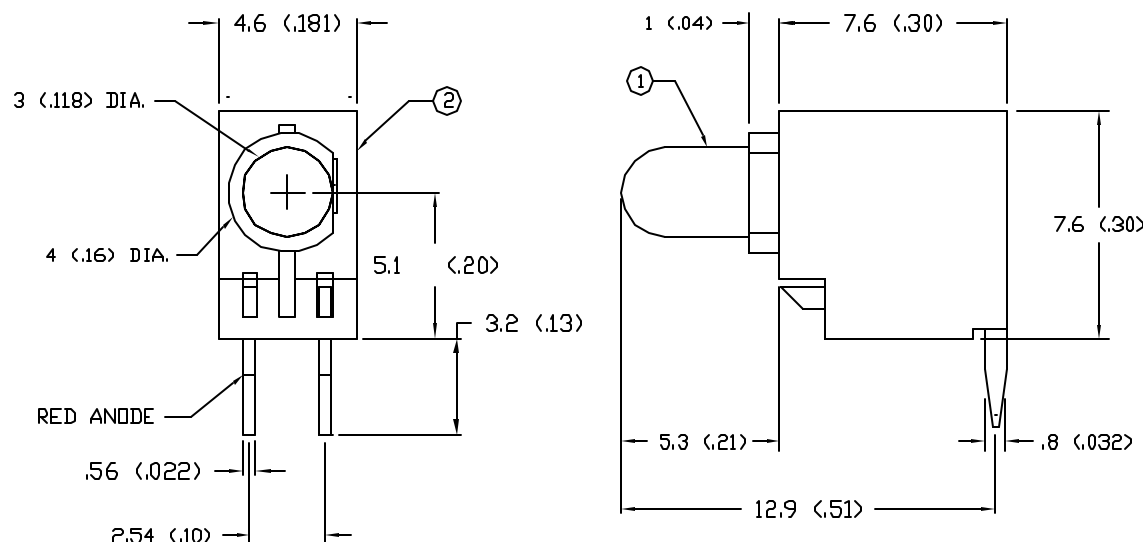


UNCONTROLLED DOCUMENT

PART NUMBER
IFS-LX4F-3052HGW-9REV.
B

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	RDW & UPD SAFE OPER. SPEC. ADDED BOM	10.12.94
B	E.C.N. #11148.	02.02.07



Ⓐ B.O.M.

1. SSL-LX3054HGW OR SSL-LX3052HGW AS ALTERNATE.
2. IFS-LX4FRA RIGHT ANGLE HOLDER.
3. CUT LED LEADS TO 5mm. INSERT LED INTO HOLDER WITH POLARITY AS SHOWN.

ELECTRO-OPTICAL CHARACTERISTICS TA=25°C				I _f =20mA	
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		700 (RED)		nm	
		565 (GREEN)		nm	
FORWARD VOLTAGE (H/G)		2.1	2.8	V _f	
REVERSE VOLTAGE	5.0			V _r	I _r =100μA
AXIAL INTENSITY (H/G)		3.0/4.0		mcad	I _f =20mA
VIEWING ANGLE		80		2x theta	
EMITTED COLOR :		RED/GREEN			
EPOXY LENS FINISH:		MILKY WHITE DIFFUSED			

LIMITS OF SAFE OPERATION AT 25 DEG. C

PARAMETER	MAX	UNITS
Ⓐ PEAK FORWARD CURRENT (H/G)*	150/150	mA
Ⓐ STEADY CURRENT (H/G)	25/25	mA
POWER DISSIPATION (H/G)	120/105	mW
DERATE FROM 25 °C	1.3	mW/°C
Ⓐ OPERATING, STORAGE TEMP.	-40 TO +85	°C
Ⓐ LEAD SOLDERING TEMP.	+260	°C
Ⓐ 2.0mm FROM BODY	3 SEC. MAX	

* t<10μs

*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.
B

PART NUMBER

IFS-LX4F-3052HGW-9

T-3 (T-1) LED, RIGHT ANGLE BICOLOR RED/GREEN.

CONFIDENTIAL INFORMATION

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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

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jc			PAGE: 1 OF 1
			SCALE: N/A

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