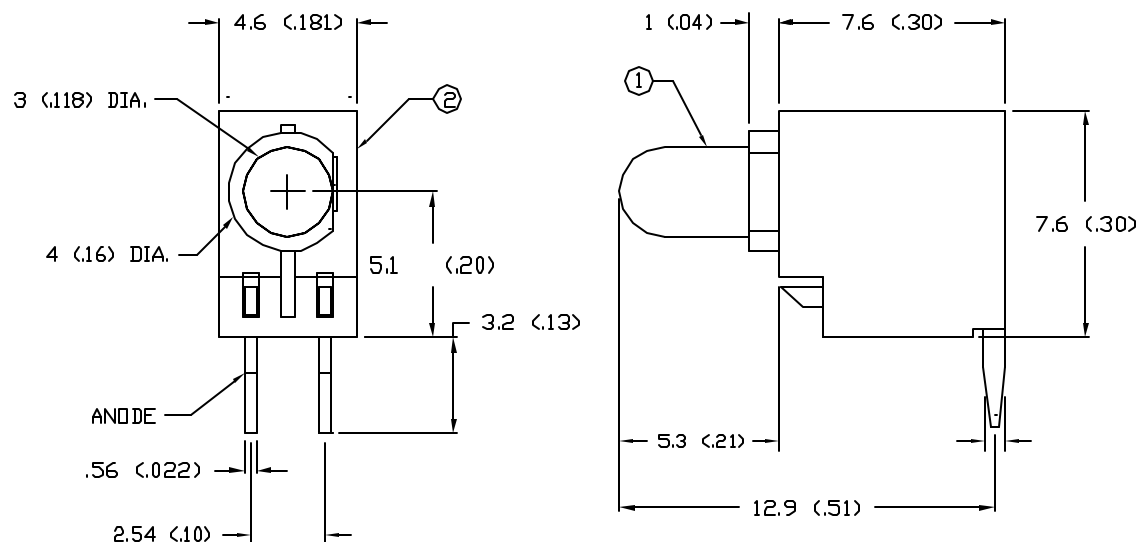


UNCONTROLLED DOCUMENT

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

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	RDW & UPD SAFE OPER. SPECS. ADD. BOM	10.13.94
B	E.C.N# 11148.	4.18.07



ELECTRO-OPTICAL CHARACTERISTICS TA=25°C				I _f =20mA	
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		655 (RED)		nm	
FORWARD VOLTAGE		1.7	2.0	V _f	
REVERSE VOLTAGE	4.0			V _r	I _r =100uA
AXIAL INTENSITY		3.0		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	1.4	mW/ °C
Ⓐ OPERATING, STORAGE TEMP.	-40 TO +85	°C
Ⓐ LEAD SOLDERING TEMP.	+260	°C
Ⓐ 2.0mm FROM BODY		3 SEC. MAX

* t<10uS

Ⓐ B.O.M.

1. SSL-LX3054RD OR SSL-LX3052RD 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 (±0.039), 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 -0.00 MAX= +0.00 -DECIMAL PRECISION

REV.

B

PART NUMBER

IFS-LX4F-3052RD-9

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

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.



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PAGE: 1 OF 1

SCALE: N/A