

UNCONTROLLED DOCUMENT

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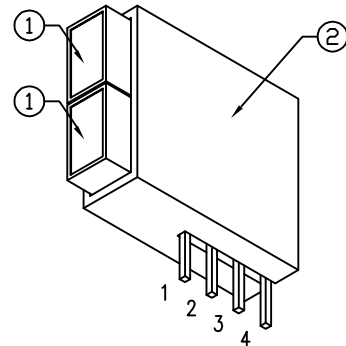
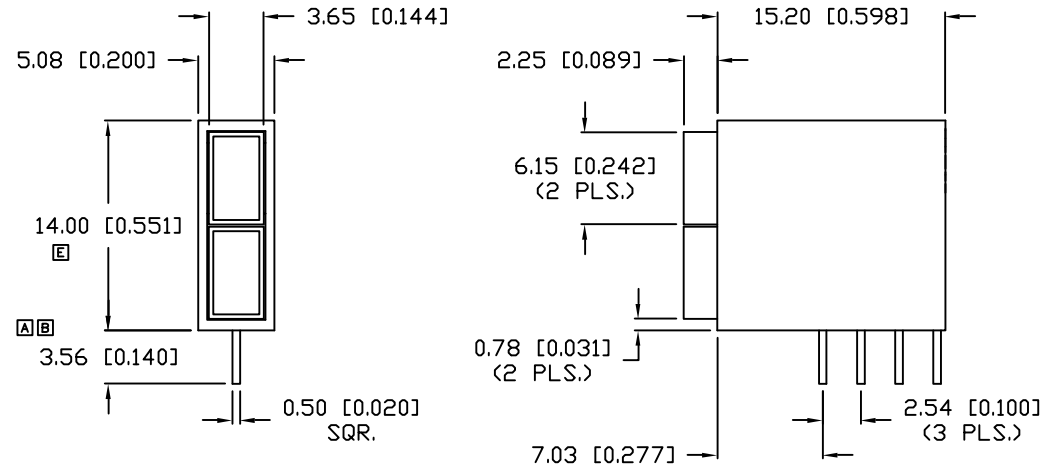
PART NUMBER

SSF-LXH20049GGD

REV.

F

UNDER REVISION



PIN OUT:

1. ANODE
2. CATHODE
3. ANODE
4. CATHODE

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	CHGD' LEAD LENGTH.	4.18.91
B	LEAD LENGTH TO 3.56mm.	2.20.92
C	NOTES AND P/N.	7.13.94
D	UPDATED SPECS.	2.21.95
E	E.C.N. #10BRDR. & REDRAWN.	12.8.99
F	E.C.N. #10BRDR. & REDRAWN.	5.11.01

ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$ $I_f=20\text{mA}$

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		565		nm	
FORWARD VOLTAGE		2.2	2.6	V _f	
REVERSE VOLTAGE	5.0			V _r	I _r =100μA
AXIAL INTENSITY		10		mcd	I _f =20mA
VIEWING ANGLE		100		2x theta	
EMITTED COLOR:	GREEN				
EPOXY LENS FINISH:	GREEN DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	25	mA
POWER DISSIPATION	105	mW
DERATE FROM 25°C	-1.2	mW/°C
OPERATING, STORAGE TEMP.	-40 TO +85	°C
SOLDERING TEMP.	+260	°C
2.0mm FROM BODY		3 SEC. MAX

* $t < 10\mu\text{s}$

NOTES:

1. SSL-LX4673GD-LA20, GREEN LED. (2 PCS.)
2. SSH-LXH20049, BLACK HOLDER.

*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.25 (±0.010), X.XXX=±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

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DUAL RECTANGULAR RIGHT ANGLE INDICATOR,
565nm GREEN LEDS, GREEN DIFFUSED LENS.

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.

DRAWN BY: CT CHECKED BY: APPROVED BY: DATE: 8.23.90
PAGE: 1 OF 1
SCALE: N/A