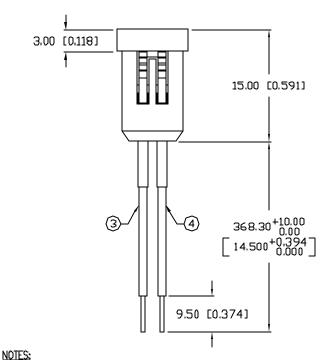
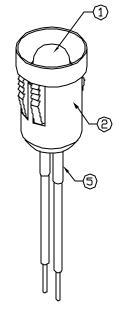
## SSI-LXR5020YD33747







PANEL CUTOUT: 8.05mm PANEL THICKNESS: 0.6~2.8mm

ELECTRO-OPTICAL CH	$I_f = 20 \text{mA}$				
PARAMETER	MIN	ΤΥP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		585		nm	
FORWARD VOLTAGE		2,1	2,5	Vf	
reverse voltage	5.0			٧r	I <sub>Y</sub> = 1 00μΑ
AXIAL INTENSITY		30		med	$I_f = 20mA$
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	YELLOW				
EPOXY LENS FINISH:	YELLOW (	SIFFUSED			

## LIMITS OF SAFE OPERATION AT 25°C

\* t<10µS

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	105	mW
DERATE FROM 25°C	- 1.2	mW∕°C
OPERATING, STORAGE TEMP.	- 40 TO +85	<b>'</b> C
SOLDERING TEMP.	+ 260	<b>'</b> C
2.0mm FROM BODY		3 SEC. MAX

CAUTION: PRESSURE SENSITIVE ASSEMBLY AVOID APPLYING PRESSURE TO LED DURING PANEL ASSEMBLY.



UNCONTROLLED DOCUMENT

\*UNILESS OTHERWISE SPECIFIED TOLERANCES PER DECINAL PRECISION ARE: X=±1 (±0.039), XXX=±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= +DECINAL PRECISION MAX.= +0.00 (±0.000), XXX=±0.127 (±0.000), XXXX=±0.127 (±0.000), XXXX=±0.000, XXX=±0.000, XXX=±0.00

REV.

PART NUMBER

5. LXP-HEATSHRINK-2, (2 PCS.) 1/16" x 1/2" LONG.

1. SSL-LX5093YD LED, CUT LEADS TO 4mm.

2. SSH-RTF5020 HOLDER.

3. ANODE LEAD: 26 AWG RED WIRE 4. CATHODE LEAD: 26 AWG BLACK WIRE

SSI-LXR5020YD33747

T-5mm (T-1 3/4) ROUND PANEL INDICATOR LED. 585nm YELLOW LED, GREEN DIFFUSED LENS, WITH 14.5" WIRE LEADS.

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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.



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CHECKED BY: DRAWN BY: APPROVED BY: DATE: 2.21.96 PAGE: 1 OF 1 SCALE: N/A

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