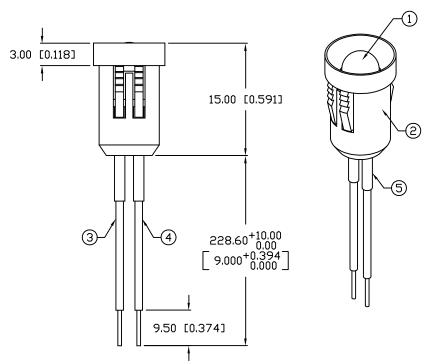
SSI-LXR5020YGW-225





ELECTRO-OPTICAL CHA	RACTERISTICS	T _A =25°C	$I_{f} = 20$	mA	
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH	58	35 (YELLOV	V)	nm	
	5	65 (GREEN	I)	nm	
FORWARD VOLTAGE (Y/	'G)	2.1/2.2	2.5/2.6	V_{f}	
REVERSE VOLTAGE	5.0			v_r	I _r =100μΑ
AXIAL INTENSITY		20		mcd	If = 20mA
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	YELLOW/GREE	N			
EPOXY LENS FINISH:	MILKY WHITE	DIFFUSED			

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	COLORS	MAX	UNITS
PEAK FORWARD CURRENT*		150	mA
STEADY CURRENT	(Y/G)	30/25	mA
POWER DISSIPATION	` , ,	105	mW
DERATE FROM 25°C		-1.2	mW/°C
OPERATING, STORAGE TEMP.		-40 TO +85	•Ć
SOLDERING TEMP.		+ 260	. C
2.0mm FROM BODY			3 SEC. MAX

* t<10µS

NOTES:

- 1. SSL-LX5093YGW LED, CUT LEADS TO 4mm.
- 2. SSH-RTF5020 HOLDER.
- 3. YELLOW ANODE LEAD: LXP-WST24RDTOC CUT 235 LONG, STRIP 3mm & 9.5mm.
- 4. GREEN ANODE LEAD: LXP-WST24BLTOC CUT 235 LONG, STRIP 3mm & 9.5mm.
- 5. LXP-HEATSHRINK-2, (2 PCS.) 1/16" x 1/2" LONG.

PANEL CUTOUT: 8.05mm PANEL THICKNESS: 0.6~2.8mm CAUTION: PRESSURE SENSITIVE ASSEMBLY AVOID APPLYING PRESSURE TO LED DURING PANEL ASSEMBLY.



UNCONTROLLED DOCU *UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.5 (±0.001), X.XXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN=+DECIMAL PRECISION MAX.= +0.00 (±0.002), LEAD LENGTH=±0.75 (±0.003). MIN=+DECIMAL PRECISION MAX.= +0.00 (±0.002), MIN=+DECIMAL PRECISION

REV.

PART NUMBER SSI-LXR5020YGW-225

T-5mm (T-1 3/4) ROUND PANEL INDICATOR LED, 585nm YELLOW/565nm GREEN BICOLOR LED, MILKY WHITE LENS, WITH 9" WIRE LEADS.

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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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DRAWN BY:

CHECKED BY: APPROVED BY: DATE: 10.25.07 PAGE: 1 OF 1 SCALE: N/A