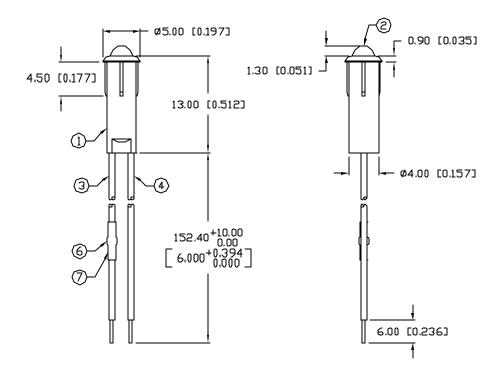
SSI-LXH312YD28V150



NOTES:

- 1. SSH-LXH3121 HOLDER, BLACK NYLON 94-V.
- 2. SSL-LX3044YD LED, LEADS CUT TO 5mm.
- 3. ANODE LEAD: LXP-WST26RDTOC, RED INSULATED LEAD, 26 AWG, -45mm STRIP BOTH ENDS 4mm, -104mm STRIP 4mm AND 6.0mm.
- 4. CATHODE LEAD: LXP-WST26BLTOC, BLACK INSULATED LEAD, 26 AWG, CUT 158mm LONG, STRIP 6.0mm BOTH ENDS.
- 5. MOUNTING HOLE: \$0.170-\$0.174.
- 6. LXP-RES 2000 1/2W, 2k OHM 1/2 WATT RESISTOR.
- 7. LXP-HEATSHRINK-4.

ELECTRO-OPTICAL CH	ARACTERISTICS	TA=25°C	Vf=2	8V	
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		585		nm	
FORWARD VOLTAGE		28		V_{f}	
REVERSE VOLTAGE	5.0			٧ _٢	I _r =100μA
AXIAL INTENSITY		30		mcd	V _f =26V
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	YELLOW				
EPOXY LENS FINISH:	YELLOW DIFF	USED			

LIMITS OF SAFE OPERATION AT 25'C

PARAMETER	MAX	UNITS	
PEAK FÖRWARD CURRENT*	30	mA	
STEADY CURRENT	15	mA	
POWER DISSIPATION	310	mW	
DERATE FROM 25°C	− 1.6	mW/⁼C	
OPERATING, STORAGE TEMP.	- 40 TO +85	·c	
SOLDERING TEMP.	+ 260	.c	
2.0mm FROM BODY		3 SEC. MAX	

* t<10µS

UNCONTROLLED DOCUMENT *UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECINAL PRECISION ARE: X=±1 (±0.039), XXx=±0.5 (±0.020), XXXx=±0.25 (±0.010), XXXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002),

REV.

PART NUMBER SSI-LXH312YD28V150

T-3mm (T-1) 585nm YELLOW LED PANEL INDICATOR. 2k OHM 1/2 WATT RESISTOR, YELLOW DIFFUSED LENS, 6" WIRE LEADS.

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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.



KS/BC

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SCALE: N/A

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