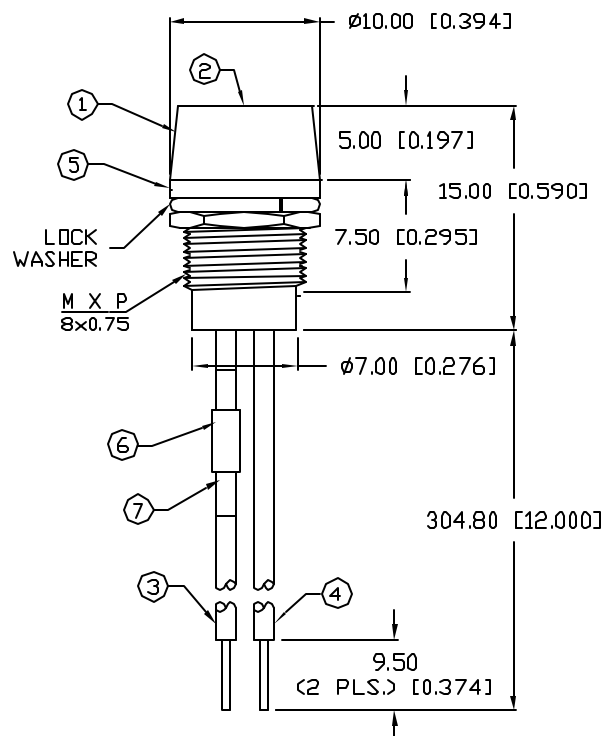


SSI-LXR4815GD9339

PRELIMINARY IN P/N DIR



NOTES:

- SSI-LXR4815 CHROME HOUSING.
- SSL-LX5063GD LED CUT LEADS TO 5mm LENGTH. (NOT SHOWN)
- ANODE LEAD: LXP-WST24RDTQC, RED INSULATION. 2 PIECES:
1-45mm, STRIP BOTH ENDS 4mm,
2-220mm, STRIP 4mm & 9.5mm.
- CATHODE LEAD: LXP-WST24BLTQC, BLACK INSULATION,
280mm LONG, STRIP 2mm & 9.5mm.
- RUBBER GASKET LXP-WA-3816.
- LXP-RES 2200, 1/2W (NOT SHOWN.)
- HEATSHRINK, LXP-HEATSHRINK-4.
- THREAD LEADS THRU BUSHING, INSERT INTO HOUSING, BACKFILL WITH SILICON ADHESIVE, INSERT BUSHING INTO HOUSING, CRIMP INTO PLACE.
- WATER RESISTANT PER NEMA STANDARD 250, SECT. 6.7.
- NO EXPOSED WIRE ALLOWED BEYOND END OF BUSHING.

ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$ $V_f=24\text{V}$

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		565		nm	
FORWARD VOLTAGE		24.0		V_f	
REVERSE VOLTAGE	5.0			V_r	$I_f=100\mu\text{A}$
AXIAL INTENSITY		15		med	$V_f=24\text{V}$
VIEWING ANGLE		60		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	13	mA
POWER DISSIPATION	105	mW
DERATE FROM 25°C	-1.2	mW/ $^\circ\text{C}$
OPERATING, STORAGE TEMP.	-40 TO +85	$^\circ\text{C}$
SOLDERING TEMP.	+260	$^\circ\text{C}$
2.0mm FROM BODY		3 SEC. MAX

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

*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: $X=\pm 1$ (± 0.039), $X.X=\pm 0.5$ (± 0.020), $X.XX=\pm 0.25$ (± 0.010), $X.XXX=\pm 0.127$ (± 0.005). LEAD SIZE= ± 0.05 (± 0.002), LEAD LENGTH= ± 0.75 (± 0.030), MIN.= $\begin{matrix} +\text{DECIMAL PRECISION} \\ -0.00 \end{matrix}$ MAX.= $\begin{matrix} +0.00 \\ -\text{DECIMAL PRECISION} \end{matrix}$

REV.

PART NUMBER

SSI-LXR4815GD9339

T-5mm (T-1 3/4) LED, METAL REFLECTOR PANEL INDICATOR,
565nm GREEN LED, GREEN DIFFUSED LENS, 24 VOLT.

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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