PART NUMBER	REV.
SSI-LXR4815HGW	B

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #10674.	10.30.00
B	E.C.N. #10BRDR. & REDRAWN IN 3D.	1.10.02

Ø10.00 [Ø0.394]

5.00 [0.197]

15.00 [0.591]

7.50 [0.295]

M X P
8 x 0.75

Ø7.00 [0.276]

RED ANODE   GREEN ANODE

1.60 [0.063]

0.50 [0.020]
SQR. (2 PLS.)

2.54 [0.100]

PANEL CUTOUT

Ø8.20 [Ø0.323]

NOTES:

1. SSL-LX5063HGW, RED/GREEN LED.
2. SSI-LXR4815, CHROME HOUSING.
3. SSH-LXH4815BSG, BLACK NYLON BUSHING. (NOT SHOWN).
4. INSERT LED LEADS INTO BUSHING, THEN INSERT INTO HOUSING. CRIMP BUSHING INTO PLACE.
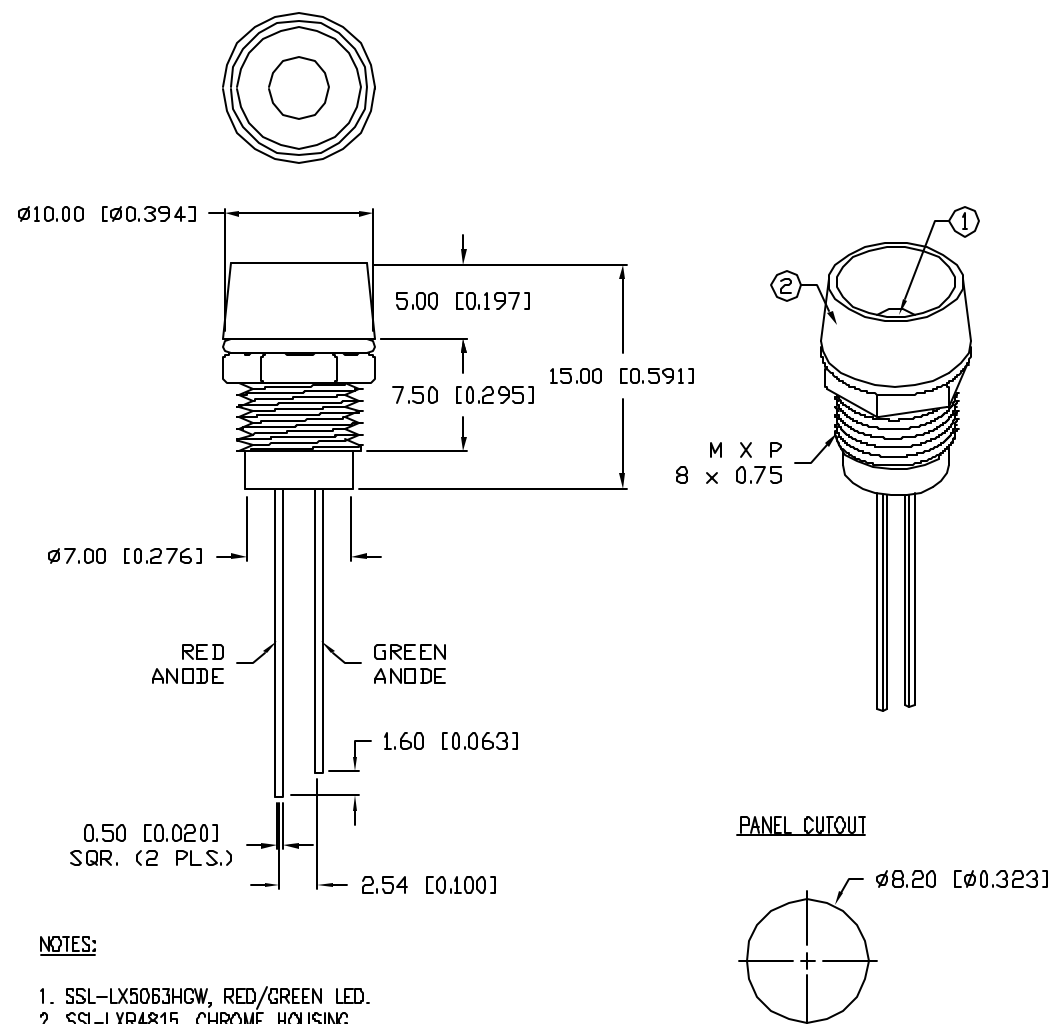
ELECTRO-OPTICAL CHARACTERISTICS $T_A=25°C$ $I_f=20mA$

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		700 (RED)		nm	
		565 (GREEN)		nm	
FORWARD VOLTAGE (R/G)		2.0/2.2	2.5/2.6	V_f	
REVERSE VOLTAGE	5.0			V_r	$I_r=100\mu A$
AXIAL INTENSITY (R/G)		5/8		mcd	$I_f=20mA$
VIEWING ANGLE		60			2x theta
EMITTED COLOR:	RED/GREEN				
EPOXY LENS FINISH:	MILKY WHITE DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	COLORS	MAX	UNITS
PEAK FORWARD CURRENT*		150	mA
STEADY CURRENT		25	mA
POWER DISSIPATION	(R/G)	120/105	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

* $t<10\mu S$

*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

REV.	PART NUMBER
B	SSI-LXR4815HGW

T-5mm RED/GREEN LED PANEL INDICATOR,
MILKY WHITE DIFFUSED LENS.

DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE: 3.23.93
BC			PAGE: 1 OF 1
			SCALE: N/A

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