UNCONTROLLED DOCUMENT -ø8.00 [ø0.315] [0.118]

-ø7.10 [ø0.280]

6 x 0.75

- ø5.00 [0.197]

PART NUMBER	SSI-LXR1612YD12V15	REV.	А
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
07.14.11	E.C.N. #10BRDR. & REDRAWN.		Α

ELECTRO-OPTICAL CHA	ARACTERISTICS Ta=	=25°C	Vf=12V		
PARAMETER	MIN	TYP	MAX	UNITS	UNITS
PEAK WAVELENGTH		585		nm	
FORWARD VOLTAGE		12.0	14.0	Vf	lr=100μA Vf=12V
REVERSE VOLTAGE	5.0			Vr	
AXIAL INTENSITY		10		mcd	
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	YELLOW				
EPOXY LENS FINISH:	YELLOW DIFFUSE	.D			
LIMITS OF SAFE OPER	ATION AT 25°C				
PARAMETER		MAX	(	UNIT	S
PEAK FORWARD VOLTA	(GE	14		٧	
	PARAMETER PEAK WAVELENGTH FORWARD VOLTAGE REVERSE VOLTAGE AXIAL INTENSITY VIEWING ANGLE EMITTED COLOR: EPOXY LENS FINISH:  LIMITS OF SAFE OPER PARAMETER	PARAMETER MIN PEAK WAYALENGTH FORWARD VOLTAGE REVERSE VOLTAGE AXIAL INTENSITY VIEWING ANGLE EMITTED COLOR: YELLOW EPOXY LENS FINISH: YELLOW DIFFUSE  LIMITS OF SAFE OPERATION AT 25°C	PEAK WAVELENGTH 585 FORWARD VOLTAGE 12.0 REVERSE VOLTAGE 5.0 AXIAL INTENSITY 10 VIEWING ANGLE 60 EMITTED COLOR: YELLOW EPOXY LENS FINISH: YELLOW DIFFUSED  LIMITS OF SAFE OPERATION AT 25°C PARAMETER MAX	PARAMETER MIN TYP MAX PEAK WAVELENGTH 585 FORWARD VOLTAGE 12.0 14.0 REVERSE VOLTAGE 5.0 AXIAL INTENSITY 10 VIEWING ANGLE 60 EMITTED COLOR: YELLOW EPOXY LENS FINISH: YELLOW DIFFUSED  LIMITS OF SAFE OPERATION AT 25°C PARAMETER MAX	PARAMETER MIN TYP MAX UNITS PEAK WAVELENGTH 585 nm FORWARD VOLTAGE 12.0 14.0 Vf REVERSE VOLTAGE 5.0 Vr AXIAL INTENSITY 10 mcd VIEWING ANGLE 60 2x theta EMITTED COLOR: YELLOW EPOXY LENS FINISH: YELLOW DIFFUSED  LIMITS OF SAFE OPERATION AT 25°C PARAMETER MAX UNIT

## NOTES:

STEADY CURRENT

POWER DISSIPATION

DERATE FROM 25°C

OPERATING TEMP.

STORAGE TEMP.

- 1. SSI-LXR1612, CHROME HOUSING.
- 2. SSL-LX3054YD-12V, YELLOW LED. TRIM LEADS TO 5mm.
- 3. SOLDER WIRE LEADS TO LED LEADS.
- 4. SSH-LXH1612BSG, BUSHING, INSERT AND CRIMP.
- 5. ANODE LEAD: LXP-WST26RDTOC, 26 AWG, TINNED OVERCOAT, RED INSULATION.
- CUT 157mm LONG, STRIP END 2mm & 9.5mm.

  6. CATHODE LEAD: LXP—WST26BLTOC, 26 AWG, TINNED OVERCOAT, BLACK INSULATION.

  CUT 157mm LONG, STRIP END 2mm & 9.5mm.

12

310

-1.6

-40 TO +85

-40 TO +85

mΑ

mW

mW/°C

•C

PCB PANEL CUTOUT
Ø6.20 [Ø0.244]

\*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=  $^{+DECIMAL}_{-0.00}$  PRECISION MAX.=  $^{+0.00}_{-0.00}$  MAX.=  $^{+0.00}_{-0.00}$  PRECISION  $^{-0.00}_{-0.00}$  MAX.=  $^{+0.00}_{-0.00}$  PRECISION  $^{-0.00}_{-0.00}$  PRECISION  $^{-0.00}_{-0.00}$  MAX.=  $^{+0.00}_{-0.00}$  PRECISION  $^{-0.00}_{-0.00}$  PR

Creating LED and LCD Solutions Together™

3.00

[0.236]

9.00

[0.079] 2.00

> [0.374] 9.50

12.20 [0.480]

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FAX: +1.847.359.6538 WEB: WWW.LUMEX.COM

T-3mm (T-1) 585nm YELLOW LED PANEL INDICATOR, YELLOW DIFFUSED, 6" WIRE LEADS, 12V OPERATION.

\*\*THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.\*\*

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UNCONTROLLED DOCUMENT DATE: 07.14.11 DRAWN BY: AΒ PAGE: 1 OF 1 CHKD BY: KF SCALE: NTS APRVD BY: SS UNIT: mm [INCH] (Pb)