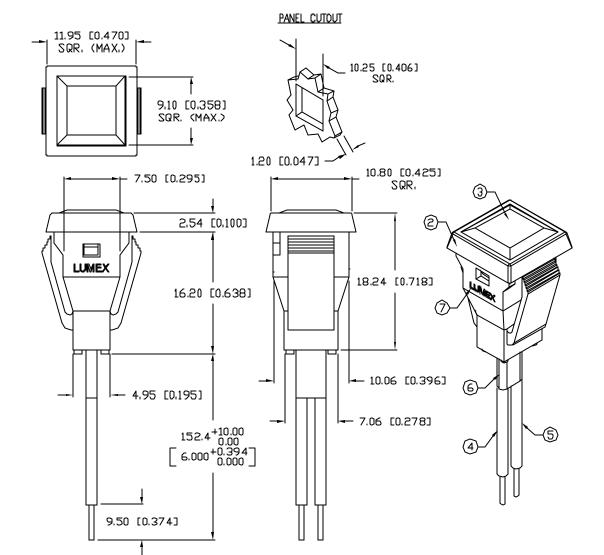
SSI-LXMP5011YC1215



ELECTRO-OPTICAL CH	IARACTERISTICS	TA=25°C	V _f =12	LV	
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		585		nm	
FORWARD VOLTAGE		12.0	14.0	۷f	
REVERSE VOLTAGE	5.0			٧ _٢	Aپر100=۱ _۲ =
AXIAL INTENSITY		8		mcd	$V_f = 12V$
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	YELLOW				
EPOXY LENS FINISH:	WATER CLEAR	LENS			

LIMITS OF SAFE OPERATION AT 25°C PER DIE

PARAMETER	MAX	UNITS	
PEAK FORWARD VOLTAGE	14	V	
STEADY CURRENT	12	m A	
POWER DISSIPATION	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	

NOTES:

- 1. SSL-LX4D73YD-12V LED, YELLOW. (INSIDE)
- SSH-LXMP5011 HOLDER, BLACK.
- 3. LXP-LXN5011G, WATER CLEAR LENS.
- 4. ANODE LEAD; LXP-WST24RDTOC, 24 AWG STRANDED, TOP OVERCOAT, RED INSULATION, CUT 160mm LONG, STRIP 4mm & 9.5mm.
- 5. CATHODE LEAD: LXP-WST24BLTOC, 24 AWG STRANDED, TOP OVERCOAT, BLACK INSULATION, CUT 160mm LONG, STRIP 4mm & 9.5mm.
- 6. HEAT SHRINK: LXP-HEATSHRINK-4, 1/8" x 1/2". (1 PIECE)
- 7. 'LUMEX' ON FRONT (ANODE SIDE) OF PART.

*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECINAL PRECISION ARE: X=±1 (±0.039), XX=±0.5 (±0.020), XXX=±0.25 (±0.0010), XXXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN= +DECINAL PRECISION MAX.= +0.00 (±0.002), XXX=±0.127 (±0.005).

REV. PART NUMBER SSI-LXMP5011YC1215

> 12mm SQUARE PANEL INDICATOR WITH LENS, 585nm YELLOW LED, 12V, WATER CLEAR 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.



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