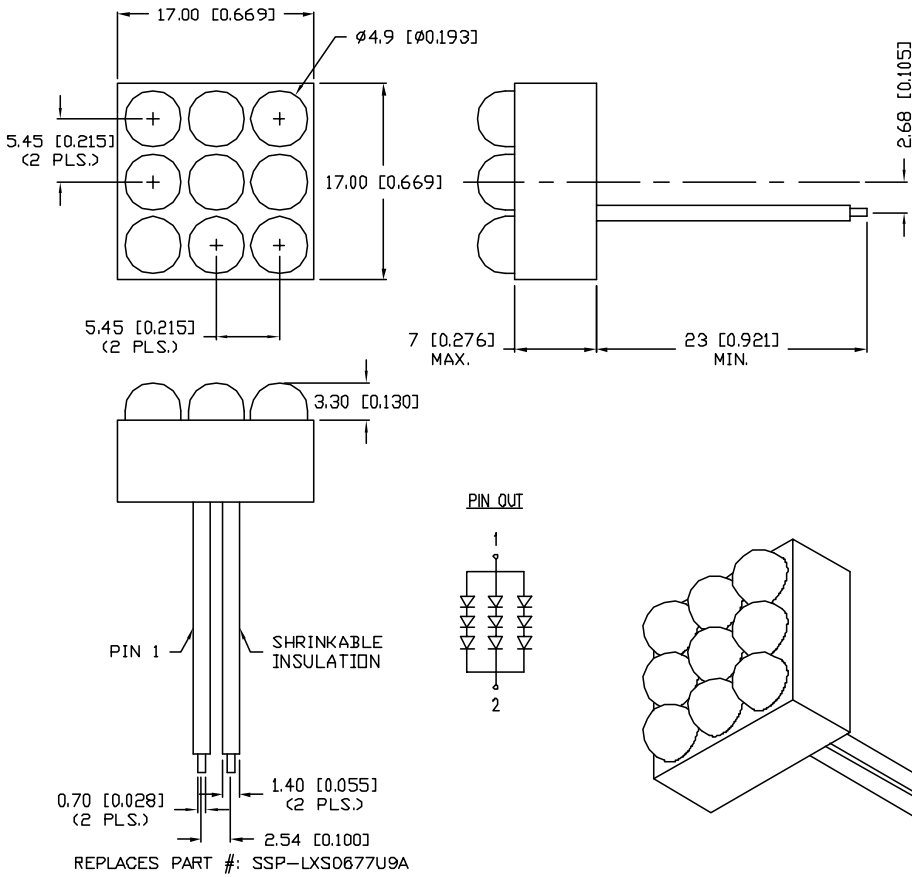


UNCONTROLLED DOCUMENT

PART NUMBER
SSP-LXS0677U9

REV.
A

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #10726. & #10BRDR.	4.5.01



☑ ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$ $I_f=60\text{mA}$

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		470		nm	
FORWARD VOLTAGE		10.5	12.0	V_f	
REVERSE VOLTAGE	5.0			V_r	$I_f=100\mu\text{A}$
AXIAL INTENSITY *		4000		md	$I_f=90\text{mA}$
VIEWING ANGLE		45		$2x$ theta	
EMITTED COLOR:	ULTRA BLUE				
EPOXY LENS FINISH:	WATER CLEAR				

* INTENSITY PER DIE.

☑ LIMITS OF SAFE OPERATION AT 25°C PER DIE

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	100	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	25	mW
DERATE FROM 25°C	-1.0	$\text{mW}/^\circ\text{C}$
OPERATING, STORAGE TEMP.	-30 TO +70	$^\circ\text{C}$
SOLDERING TEMP.	+260	$^\circ\text{C}$
2.0mm FROM BODY		3 SEC. MAX

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

CAUTION: STATIC SENSITIVE DEVICE
FOLLOW PROPER E.S.D. HANDLING PROCEDURES
WHEN WORKING WITH THIS PART.
ESD CLASSIFICATION: CLASS II BASED ON MIL-STD 883E.

UNCONTROLLED DOCUMENT

REV.	PART NUMBER
A	SSP-LXS0677U9
0.67" SQUARE, 9 LAMP POLYLED, COMMON ANODE, 470nm InGaN/SiC BLUE LEDS, WATER CLEAR LENS.	

CONFIDENTIAL INFORMATION
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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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