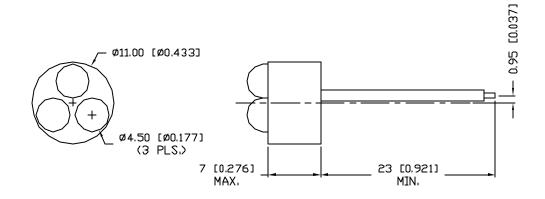
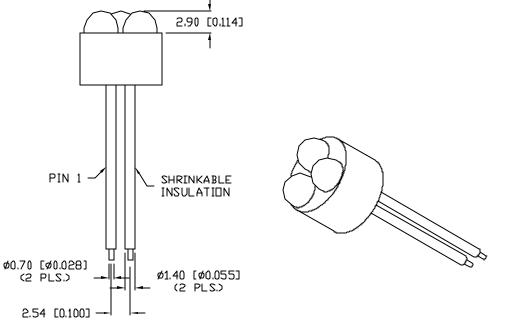
SSP-LXC0432S3





ELECTRO-OPTICAL CHARACTERISTICS TA=25°C		I _f = 20mA			
PARAMETER	MIN	ΤΥP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		565		nm	
FORWARD VOLTAGE		6.6	7.8	۷f	
REVERSE VOLTAGE	5.0			٧ _٢	I _Γ =100μΑ
AXIAL INTENSITY *		300		mcd	$I_f = 20mA$
VIEWING ANGLE		30		2x theta	
EMITTED COLOR:	SUPER GREEN				
EPOXY LENS FINISH:	WATER CLEAR				

^{*} INTENSITY PER DIE.

LIMITS OF SAFE OPERATION AT 25°C PER DIE

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	25	mA
POWER DISSIPATION	105	mW
DERATE FROM 25°C	-1.2	D*∖Wm
OPERATING, STORAGE TEMP.	-30 TO + 70	.C
SOLDERING TEMP.	+ 260	•C
2.0mm FROM BODY		3 SEC. MAX

^{*} t<10µS

PIN OUT

PIN 1 → DI DI → PIN 2

UNCONTROLLED DOCUMENT

*TOLERANCES PER DECINAL PRECISION ARE: X=±1 (±0.039), XX=±0.5 (±0.020), XXX=±0.25 (±0.010). LEAD LENGTH=±0.75 (±0.030). NIN= +DECINAL PRECISION NAX= +0.00 NIN= +0.00

REV. PART NUMBER SSP-LXC0432S3

> 0.43" CIRCULAR, 3 LED CLUSTER, 565nm SUPER GREEN LEDS, WATER CLEAR LENS.

CONFIDENTIAL INFORMATION

THE INFORMATION CONTAINED IN THIS DOCUMENT IS THE PROPERTY OF SUNBRITE LEDS EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITING BY SUNBRITE LEDS, THE HOLDER OF THIS DOCUMENT SHALL KEEP ALL INFORMATION CONTAINED HEREIN CONFIDENTIAL AND SHALL PROTECT SAME IN VIIOLE OR IN PART FROM DISCLOSURE AND DISSEMINATION TO ALL THRO PARTIES.

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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CHECKED: DRAWN: ВC

APPROVED:

DATE: 1.17.00 PAGE: 1 OF 1