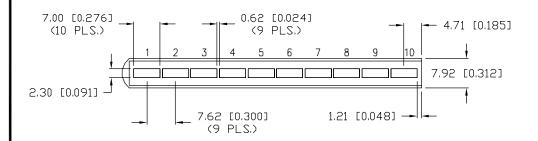
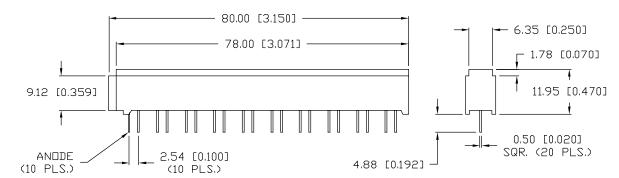
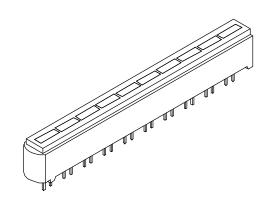
UNCONTROLLED DOCUMENT

PART NUMBER

SSA-LXB1027SUGD







ELECTRO-OPTICAL CH	ARACTER	ISTICS TA=25°C		$I_f = 20mA$	
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		574		nm	
FORWARD VOLTAGE		2.2	2.6	Vf	
REVERSE VOLTAGE	5.0			٧r	I _r =100μΑ
AXIAL INTENSITY		20		mcd	$I_f = 20mA$
VIEWING ANGLE		110		2x theta	
EMITTED COLOR:	GREEN				
EPOXY LENS FINISH:	GREEN	DIFFUSED			

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	mW/°C
OPERATING, STORAGE TEMP.	-40 TO +85	°C
SOLDERING TEMP.	+ 260	° C
2.0mm FROM BODY		3 SEC. MAX

^{*} t<10µS

NOTES:

- 1. SSH-LXH1027 HOLDER HOLDER COLOR: BLACK.
- 2. SSL-LX25783SUGD LED. (10 PCS.)
- 3. UV LOCTITE 352.

*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 MAX.=+0.00 (±0.005). LEAD SIZE=±0.05 (±0.000), LEAD SIZE=±0.05 (±0.000), MIN=+DECIMAL PRECISION MAX.=+0.00 (±

REV. PART NUMBER SSA-LXB1027SUGD

LED ARRAY, 10 UNIT 2.5mm x 7mm RECTANGULAR LEDS, 574nm AlinGaP GREEN LEDS, GREEN DIFFUSED LENS.

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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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