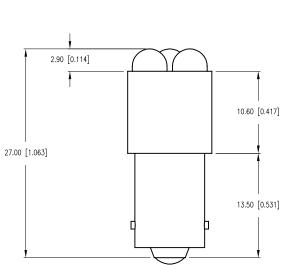
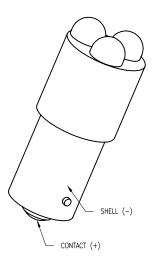
Creating LED and LCD Solutions Together™

PART NUMBER	SSP-3MB96U12G	REV.	Α
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
01.28.03	E.C.N. #10950.		Α

ø4.50 [ø0.177] (3 PLS.)	ø10.90 [ø0.429]
(3 PLS.)	
	4.50 [0.177]
	5.20 [0.205]





ELECTRO-OPTICAL CHARACTERISTICS TA=25°C							
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND		
PEAK WAVELENGTH		626		nm			
FORWARD VOLTAGE		12		٧f			
REVERSE VOLTAGE	5.0			٧r	I _r =100µA		
AXIAL INTENSITY		12800		mcd	$I_f = 20 \text{mA}$		
VIEWING ANGLE		30		2x theta			
EMITTED COLOR:	RED						
EPOXY LENS FINISH:	WATER	CLEAR					

LIMITS OF SAFE OPERATION AT 25°C PER DIE

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	120	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	105	mW
DERATE FROM 25°C	- 1.2	mW/°C
OPERATING, STORAGE TEMP.	- 30 TO + 70	°C

* t<10µS

*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 -0.000 MAX.= ±0.000 MAX.= ±0.00 MA

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

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DATE: 05.22.01 DRAWN BY: BC

PAGE: 1 OF 1 CHKD BY: -
SCALE: NTS APRVD BY: -
UNIT: mm [INCH]