



**THE DATASHEET OF
SSP-3MB96U12G**



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

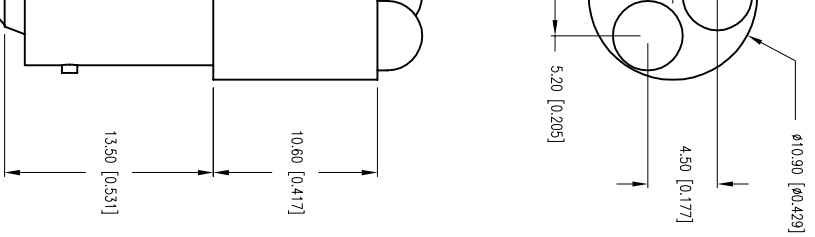
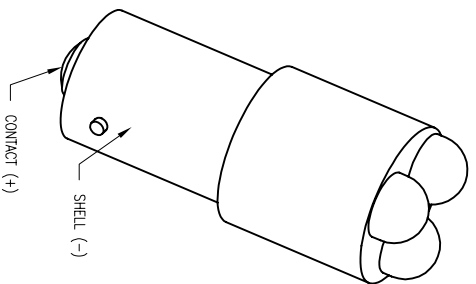
ELECTRO-OPTICAL CHARACTERISTICS $I_A=25\text{C}$ $I_f=20\text{mA}$

PARAMETER	MIN	TP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		626		nm	
FORWARD VOLTAGE		12		V _f	$I_f=100\mu\text{A}$
REVERSE VOLTAGE	5.0			V _r	$I_f=20\text{mA}$
AXIAL INTENSITY		12800		med	
VIEWING ANGLE		30		2x theta	
EMITTED COLOR:	RED				
EPOXY LENS FINISH:	WATER CLEAR				

LIMITS OF SAFE OPERATION AT 25C PER DIE

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

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



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THREE LAMP POLYLED WITH BA9S BASE, 626nm SUPER RED CHIPS, WATER CLEAR LENS.

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

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