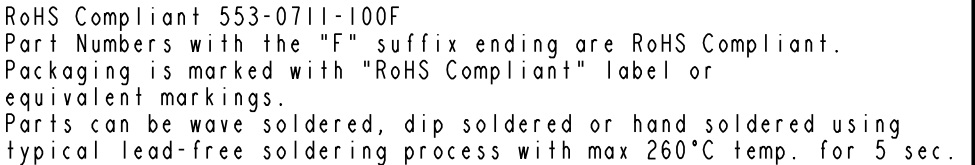


1. LEADS TO BE FREE OF DEFORMATION AFTER BENDING AND CUTTING.
2. LAMP MUST BE SEATED ALL THE WAY DOWN INTO HOUSING. BEND MUST BE TIGHT, NO LONGITUDINAL TRAVEL ALONG AXIS ALLOWED.
3. FOR DIALIGHT INTERNAL DRAWING REFER TO 553-0711-100F.
4. THIS ASSEMBLY CONTAINS ELECTROSTATIC DISCHARGE SENSITIVE DEVICES (ESDS). MAINTAIN ALL PRECAUTIONARY MEASURES DURING ASSEMBLY, HANDLING AND STORAGE IN ACCORDANCE WITH IPC-A-610.

ABSOLUTE MAXIMUM RATINGS AT 25 ° C AMBIENT	
POWER DISSIPATION	100 mW
DERATE LINEARLY FROM 50 ° C	.40 mA/°C
CONTINUOUS FORWARD CURRENT	30 mA
PEAK FORWARD CURRENT (10 ms PULSE WIDTH, 1/10 DUTY)	120 mA
PEAK REVERSE VOLTAGE	5 V
LEAD SOLDERING TEMPERATURE, 6 SEC., 1/16" FROM BASE	260° C
OPERATING TEMPERATURE	-55° C TO +100° C
STORAGE TEMPERATURE	-55° C TO +100° C

LED CHARACTERISTICS	COLOR	MIN.	TYP.	MAX.	UNITS	TEST CONDITIONS
LUMINOUS INTENSITY	GREEN RED	3.7 2.5	10.0 4.7		mcd	$I_F = 10 \text{ mA}$
FORWARD VOLTAGE	GREEN RED		2.1 2.0	2.8	V	$I_F = 20 \text{ mA}$
REVERSE CURRENT	GREEN RED			100	μA	$V_R = 5 \text{ V}$
PEAK WAVELENGTH	GREEN RED		565 635		nm	$I_F = 20 \text{ mA}$
2 X 1/2-INTENSITY ANGLE	GREEN RED		60		DEGREES	$I_F = 20 \text{ mA}$
CAPACITANCE	GREEN RED		35 20		pF	$V_R = 0 \text{ V}, f = 1 \text{ MHz}$



**ATTENTION:
OBSERVE PRECAUTIONS FOR
HANDLING ELECTROSTATIC
SENSITIVE DEVICES**

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SCALE: 5.000		DRAWING NUMBER	
ALL DIM'S IN: INCHES (MM)		REV	
TOLERANCES: UNLESS OTHERWISE SPECIFIED		C-17376	
FRACTIONS: ±1/64		A	
DECIMALS (.XX): ±.01		TITLE 3 mm. Bi-Level Cbi R/G,R/G	
DECIMALS (.XXX): ±.005		RoHS COMPLIANT	
DECIMALS (.XXXX): ±.0005		MATERIAL	
ANGLES: ±1°			
FINISH:			
FSCM		1501 ROUTE 34 SOUTH	
83330		FARMINGDALE, NJ 07727	
DIALIGHT			
SHEET		FAMILY TABLE:	
I		I	

Mouser Electronics

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