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PRELIMINARY IN P/N DIR

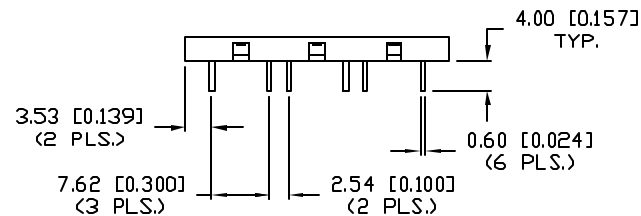
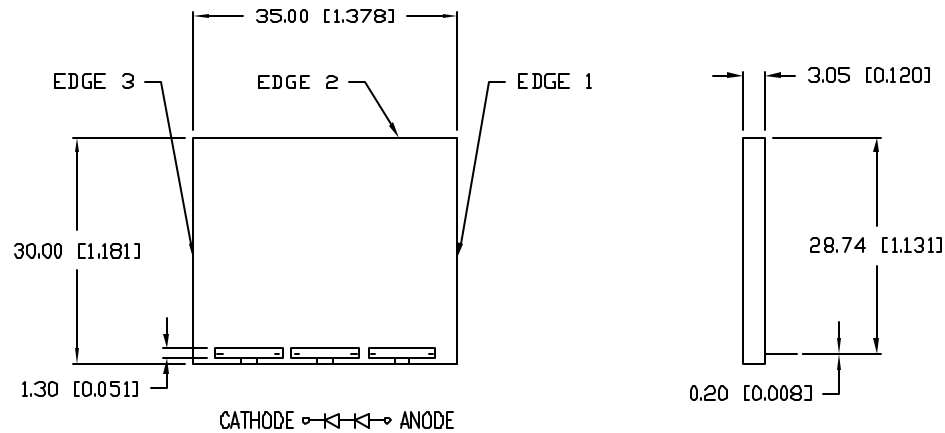
PART NUMBER

SSB-DL3529SYC-A

REV.

REV. | E.C.N. NUMBER AND REVISION COMMENTS

DATE



NOTES:

1. SSB-LX02SYC, SUPER YELLOW LED. (3 PCS.)
2. SSB-DL3529W, ACRYLIC REFLECTOR.
3. PAINT EDGES 1, 2, 3, AND BOTTOM WITH REFLECTIVE WHITE PAINT.

ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^{\circ}\text{C}$ PER MODULE

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		590 (YELLOW)		nm	
FORWARD VOLTAGE		4.0	4.8	V_f	
REVERSE VOLTAGE	8			V_r	$V_r=100\mu\text{A}$
LUMINOUS INTENSITY		85		cd/m^2	$I_f=20\text{ mA}$
EMITTED COLOR:	YELLOW				
REFLECTOR FINISH:	CLEAR WHITE				

LIMITS OF SAFE OPERATION AT 25°C PER LED

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	145	W
DERATE FROM 25°C	-1.2	$\text{mW}/^{\circ}\text{C}$
OPERATING TEMP.	-20 TO +70	$^{\circ}\text{C}$
STORAGE TEMP.	-30 TO +80	$^{\circ}\text{C}$
SOLDERING TEMP.	+240	$^{\circ}\text{C}$
2.0mm FROM BODY		3 SEC. MAX

* $t < 10\mu\text{s}$ *UNLESS OTHERWISE SPECIFIED TOLERANCE IS $\pm 0.25\text{mm}$ ($\pm 0.010"$)

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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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DRAWN BY:

CHECKED BY:

APPROVED BY:

DATE: 11-24-98

PAGE: 1 OF 1

SCALE: N/A

35mm x 29mm LCD BACKLIGHT, 590nm SUPER YELLOW,

3 DUAL CHIP MODULES, CLEAR WHITE.

DU

Mouser Electronics

Authorized Distributor

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