

UNCONTROLLED DOCUMENT

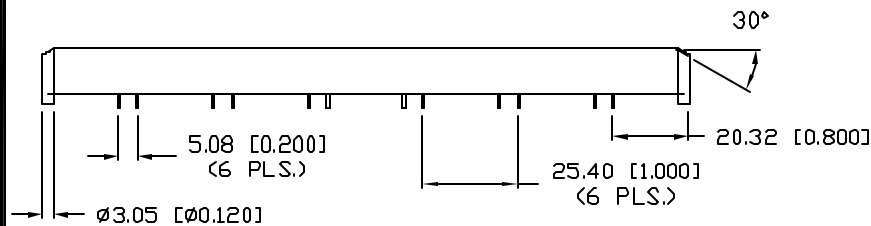
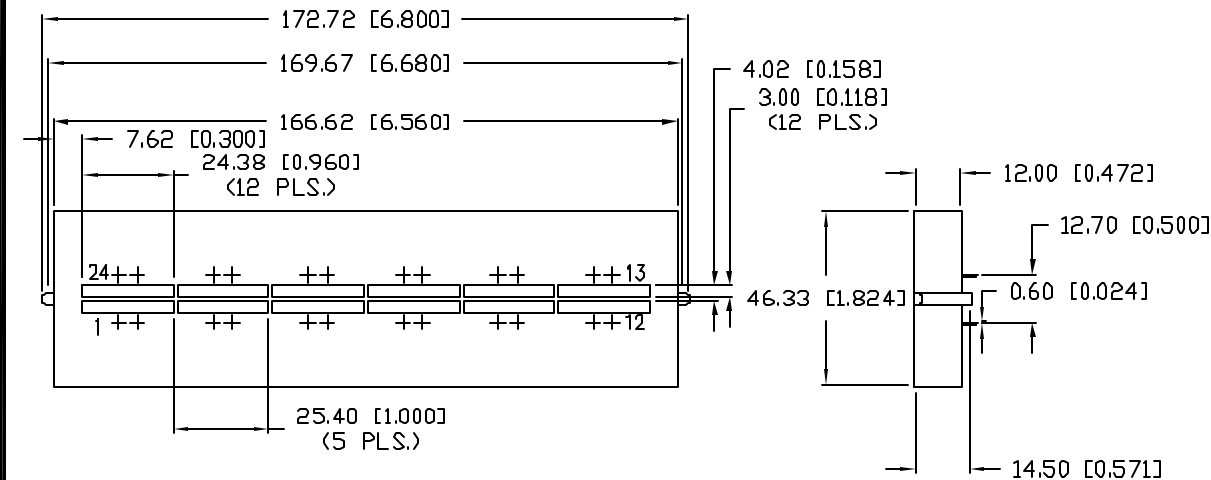
SC:2

PART NUMBER

REV.

SSA-LXB2675USBW

PRELIMINARY IN P/N DIR

ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$ $I_f=20\text{mA}$

PARAMETER	RED	UNITS	TEST COND
PEAK WAVELENGTH	470	nm	
FORWARD VOLTAGE (TYP.)	3.5	V_f	
FORWARD VOLTAGE (MAX.)	4.0	V_f	
REVERSE VOLTAGE	5.0	V_r	$I_r=100\mu\text{A}$
AXIAL INTENSITY	10	mcd	$I_f=20\text{mA}$
VIEWING ANGLE	80	2x theta	
FACE COLOR:	BLACK		
EPOXY LENS FINISH:	MILKY WHITE DIFFUSED		

LIMITS OF SAFE OPERATION AT 25°C PER CHIP

PARAMETER	COLORS	MAX	UNITS
PEAK FORWARD CURRENT*		80	mA
STEADY CURRENT		20	mA
POWER DISSIPATION		105	mW
DERATE FROM 25°C		-1.2	mW/ $^\circ\text{C}$
OPERATING, STORAGE TEMP.		-30 TO +85	$^\circ\text{C}$
SOLDERING TEMP.		+260	$^\circ\text{C}$
2.0mm FROM BODY			3 SEC. MAX

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

NOTES:

1.

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*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 -0.00 -DECIMAL PRECISION

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CUSTOM LED DISPLAY.

CONFIDENTIAL INFORMATION

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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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JD

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SCALE: N/A