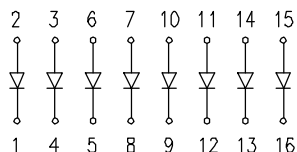
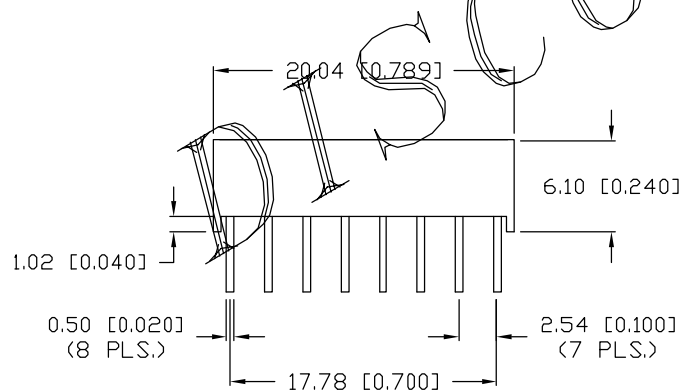


PART NUMBER
SSB-LX2835GD

Technical drawing of a rectangular plate with dimensions and tolerances. The drawing shows a top view of the plate with a central rectangular feature. The overall width is 19.05 [0.750] and the overall height is 8.89 [0.350]. The central feature has a width of 16 and a height of 4.00 [0.157]. The distance from the left edge to the center of the central feature is 9.94 [0.391]. The distance from the right edge to the center of the central feature is 7.62 [0.300]. The distance from the top edge to the center of the central feature is 3.81 [0.150] (2 PLS.). The distance from the bottom edge to the center of the central feature is 0.25 [0.010] (2 PLS.). The drawing includes a coordinate system with X and Y axes and a scale bar.



ELECTRO-OPTICAL CHARACTERISTICS T _A =25°C			I _f = 20mA		
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		565		nm	
FORWARD VOLTAGE		2.2	2.6	V _f	
REVERSE VOLTAGE	5.0			V _r	I _r =100μA
AXIAL INTENSITY		35		mcd	I _f = 20mA
VIEWING ANGLE		160		2x theta	
EMITTED COLOR:	GREEN				
EPOXY LENS FINISH:	GREEN DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C PER CHIP		
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	25	mA
POWER DISSIPATION	105	mW
DERATE FROM 25°C	-1.2	mW/°C
OPERATING/STORAGE TEMP.	-40 TO +85	°C
SOLDERING TEMP.	+260	°C
2.0mm FROM BODY		3 SEC. MAX

* $t < 10 \mu S$

*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.=+0.00 DECIMAL PRECISION MAX.=+0.00 DECIMAL PRECISION

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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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CT			PAGE: 1 OF 1
			SCALE: N/A

19.05mm x 8.89mm LIGHT BAR,
565nm GREEN CHIPS, GREEN DIFFUSED.