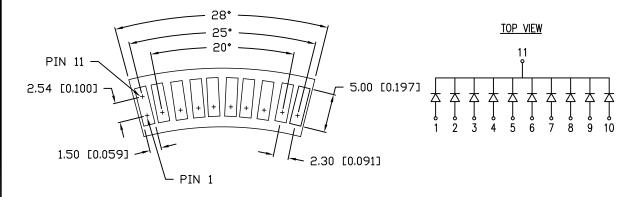
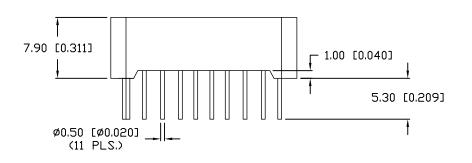
SSA-LXB10SYW-CUR





ELECTRO-OPTICAL CH	ARACTERIS [*]	TICS TA=25°	С	I _f =20mA	
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		590		nm	
FORWARD VOLTAGE	1.8	2.0	2.3	v_f	
REVERSE VOLTAGE	5.0			V_r	Ir=100µA
AXIAL INTENSITY		40		mcd	$I_f = 20 \text{mA}$
VIEWING ANGLE		160		2x theta	
EMITTED COLOR:	YELLOW				
EPOXY LENS FINISH:	MILKY WHITE DIFFUSED				
FACE COLOR:	BLACK				

LIMITS OF SAFE OPERATION AT 25°C PER CHIP

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	80	mA
STEADY CURRENT	20	mA
POWER DISSIPATION	75	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<10µS

PART NUMBER

SSA-LXB10SYW-CUR

10 SEGMENT CURVED BAR GRAPH, 590nm AlinGaP YELLOW, BLACK FACE WITH MILKY WHITE DIFFUSED EPOXY. CONFIDENTIAL INFORMATION
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SOLDER HEAT IS A MAJOR CAUSE OF EARLY AND FUTURE FAILURE.
PLEASE PAY ATTENTION TO YOUR SOLDERING PROCESS.

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