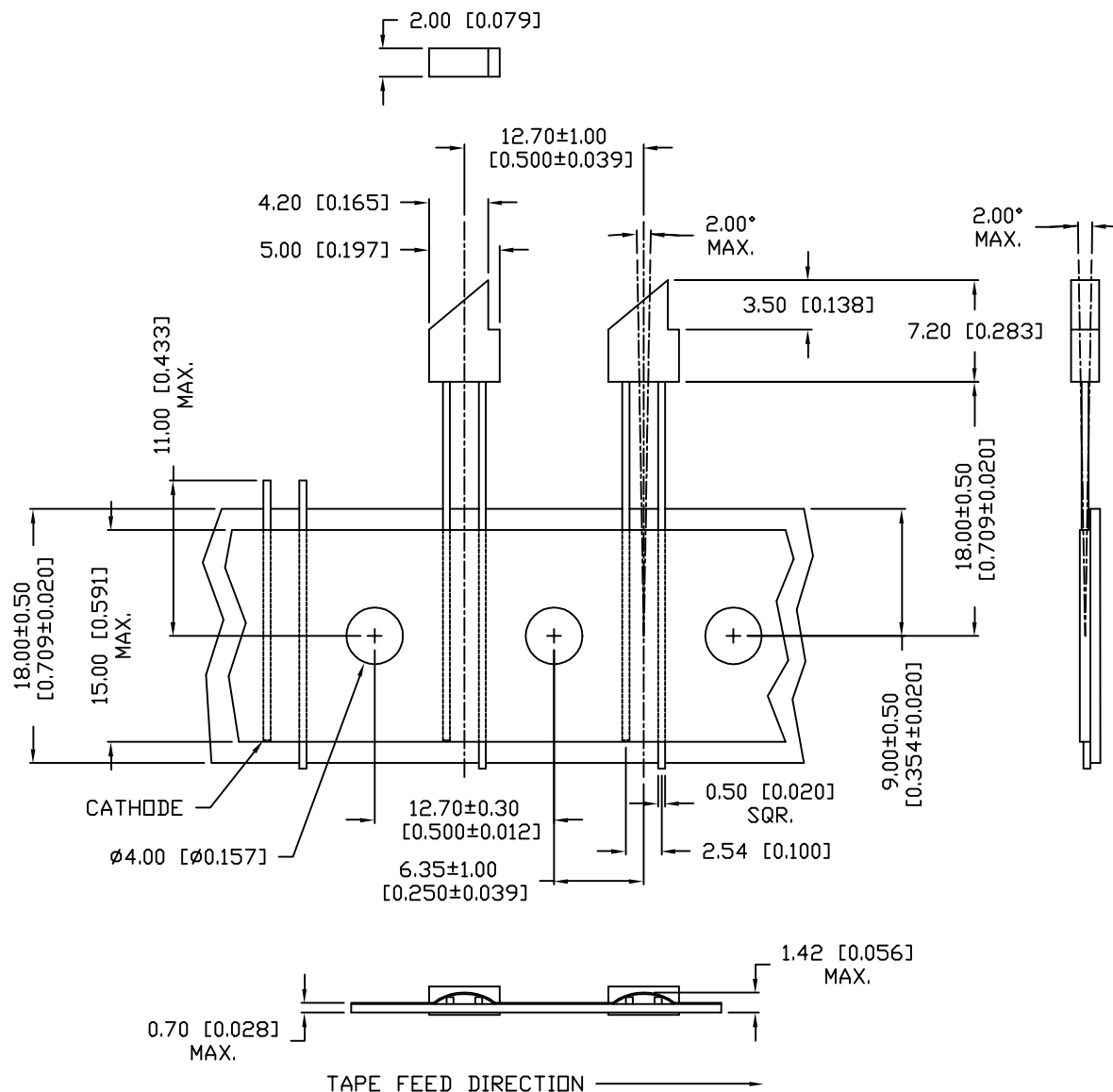


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*TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.25 (±0.010), X.XXX=±0.127 (±0.005). LEAD LENGTH=±0.75 (±0.030). MIN= +DECIMAL PRECISION MAX.= +0.00
-0.00 -DECIMAL PRECISION

A

PART NUMBER
SSF-EX2573YD-TR

2mm x 5mm ANGLED LED, SPECIAL SIDECUT,
585nm YELLOW LED, YELLOW DIFFUSED LENS,
TAPE AND REEL.

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.

LUMEX
INCORPORATED

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PALATINE, ILLINOIS 60067
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WEB: <http://www.lumex.com>

DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE: 10-28-99
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KS/SK

PAGE: 1 OF 1

SCALE: N/A

PART NUMBER		REV.
SSF-EX2573YD-TR		A
REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #10603.	3-23-00

ELECTRO-OPTICAL CHARACTERISTICS		$T_A=25^{\circ}\text{C}$	$I_f=20\text{mA}$		
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		585 (YELLOW)		nm	
FORWARD VOLTAGE		2.1	2.5	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	
EMITTED COLOR:	YELLOW				
EPOXY LENS FINISH:	YELLOW DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C		
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	30	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

* $t < 10 \mu S$

NOTES:

1. 2,000 PIECES PER REEL.

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