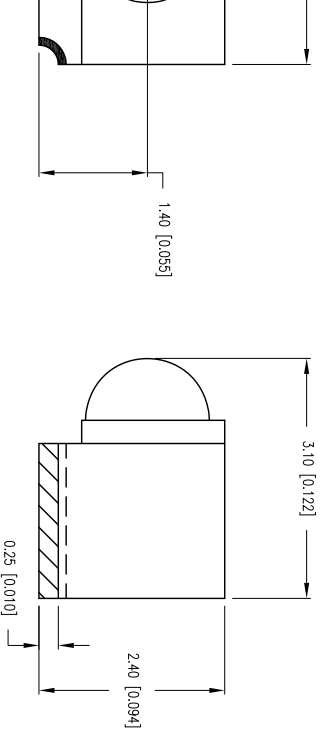




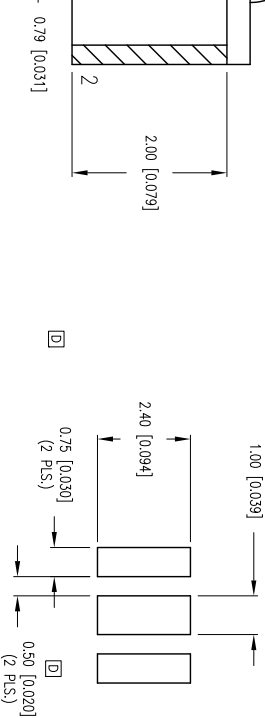
**THE DATASHEET OF
SMF-2432USBC-TR**



PART NUMBER		SMF-2432USBC-TR		REV.	E
E.C.N. NUMBER AND REVISION COMMENTS				REV.	REV.
DATE	08.30.01	E.C.N. #10781.		A	
	09.23.02	E.C.N. #10912.		B	
	01.15.07	E.C.N. #11148.		C	
	11.06.08	E.C.N. #11540.		D	
	10.21.13	E.C.N. #11882.		E	



RECOMMENDED SOLDER PAD LAYOUT



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

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		470	4.0	nm	
FORWARD VOLTAGE		3.5	4.0	V _f	$I_f=100\mu\text{A}$
REVERSE VOLTAGE		5.0		V _r	
AXIAL INTENSITY		140		md	$I_f=20\text{mA}$
VIEWING ANGLE		110		2x theta	
EMITTED COLOR:	BLUE				
EPOXY LENS FINISH:	WATER CLEAR				

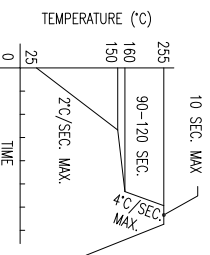
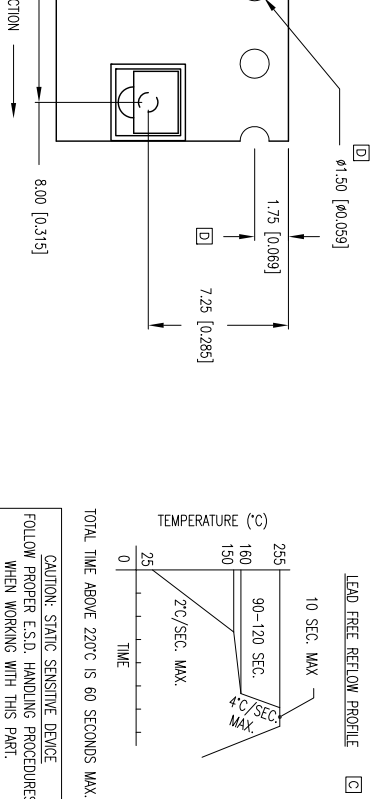
LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	160	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	100	mW
DERATE FROM 25°C	-1.2	mW/°C
OPERATING TEMP.	-25 TO +75	°C
STORAGE TEMP.	-30 TO +85	°C

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

NOTES:

1. 500 PIECES PER REEL.



TOTAL TIME ABOVE 220°C IS 60 SECONDS MAX.

CAUTION: STATIC SENSITIVE DEVICE
FOLLOW PROPER E.S.D. HANDLING PROCEDURES
WHEN WORKING WITH THIS PART.

Looking for pricing, stock, or lifecycle information?

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- ⊖ [Lumex Opto/Components Inc. Information](#)

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- ✓ Cost Control Management
- ✓ Shortage Management
- ✓ Alternative Solution
- ✓ Excess Inventory Management