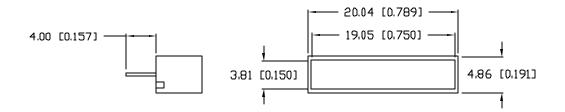
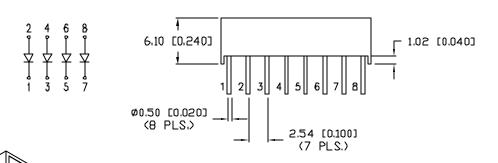
OED-EL2350W



ELECTRO-OPTICAL CH	IARACTERI	STICS TA=25°C		lf=10mA	
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		940		nm	_
FORWARD VOLTAGE		1.2	1.5	V_{f}	
REVERSE VOLTAGE	5.0			٧r	Ir=10µA
LUMINOUS INTENSITY		2.8		mW/Sr	If=20mA
EPOXY LENS FINISH:	MILKY W	HITE DIFFUSED			



LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	1200	mA
STEADY CURRENT	50	mA
POWER DISSIPATION	100	m₩
DERATE FROM 25°C	- 0.5	mW∕°C
OPERATING, STORAGE TEMP.	- 40 TO +85	' C
SOLDERING TEMP.	+ 230	' C
1.6mm FROM BODY		3 SEC. MAX

* t<10µS

UNCONTROLLED DOCUMENT LEAD LENGTH=±0.75 (±0.030). MIN= +DECINAL PRECISION MAX.= +0.00 -0.00

*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECINAL PRECISION ARE: X=±1 (±0.039), XXx=±0.5 (±0.020), XXXx=±0.25 (±0.010), XXXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002),

REV.

PART NUMBER OED-EL2350W

19.05mm x 3.81mm 940nm INFRARED LIGHT BAR, MILKY WHITE DIFFUSED EPOXY,

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 $\begin{array}{c} \underline{\text{Reliablity Note}} \\ \text{Our nany years of experience data accumulation indicate that} \end{array}$ SOLDER HEAT IS A MAJOR CAUSE OF EARLY AND FUTURE FAILURE. PLEASE PAY ATTENTION TO YOUR SOLDERING PROCESS.



290 E. HELLEN ROAD PALATINE, ILLINOIS 60067 PHONE: (847) 359-2790 WEB: http://www.lumex.com

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