

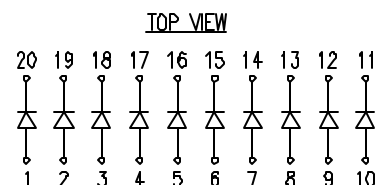
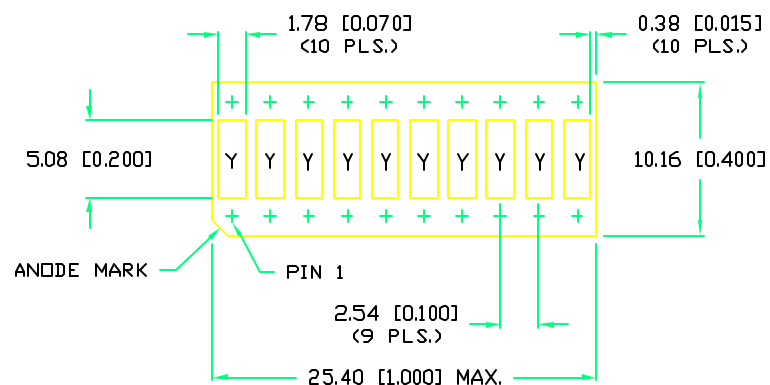
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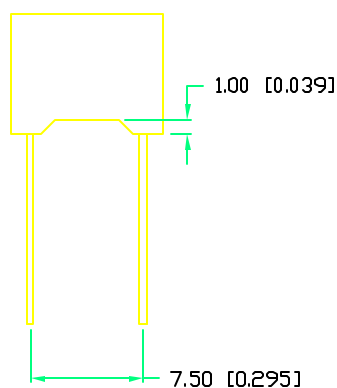
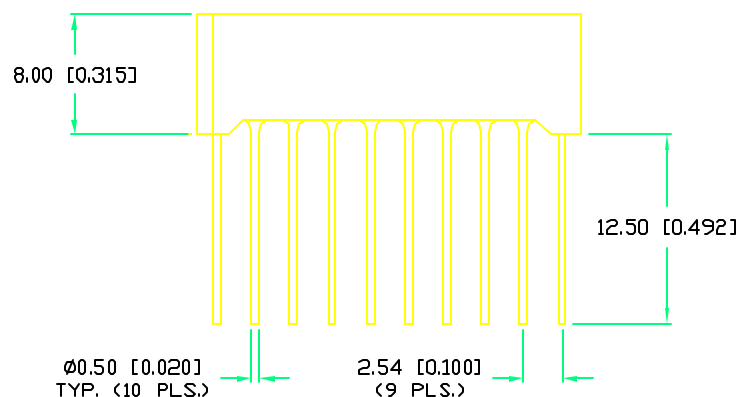
REV. E.C.N. NUMBER AND REVISION COMMENTS

DATE



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

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		585		nm	
FORWARD VOLTAGE		2.1	2.5	V_f	
REVERSE VOLTAGE	5.0			V_r	$I_r=100\mu\text{A}$
AXIAL INTENSITY		8		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*	150	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	105	mW
DERATE FROM 25°C	- 1.2	mW/ $^{\circ}\text{C}$
OPERATING, STORAGE TEMP.	- 40 TO + 85	$^{\circ}\text{C}$
SOLDERING TEMP.	+ 260	$^{\circ}\text{C}$
2.0mm FROM BODY	3 SEC. MAX	

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

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*UNLESS OTHERWISE SPECIFIED TOLERANCE IS $\pm 0.25\text{mm}$ ($\pm 0.010"$)

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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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PAGE: 1 OF 1

SCALE: N/A

10 SEGMENT BAR GRAPH, POS.1~10: 585nm YELLOW LED,
BLACK FACE WITH MILKY WHITE DIFFUSED EPOXY.

JD