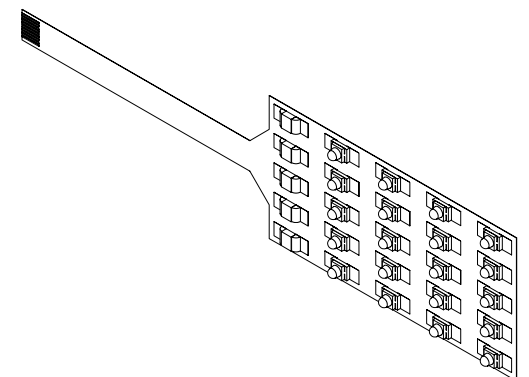
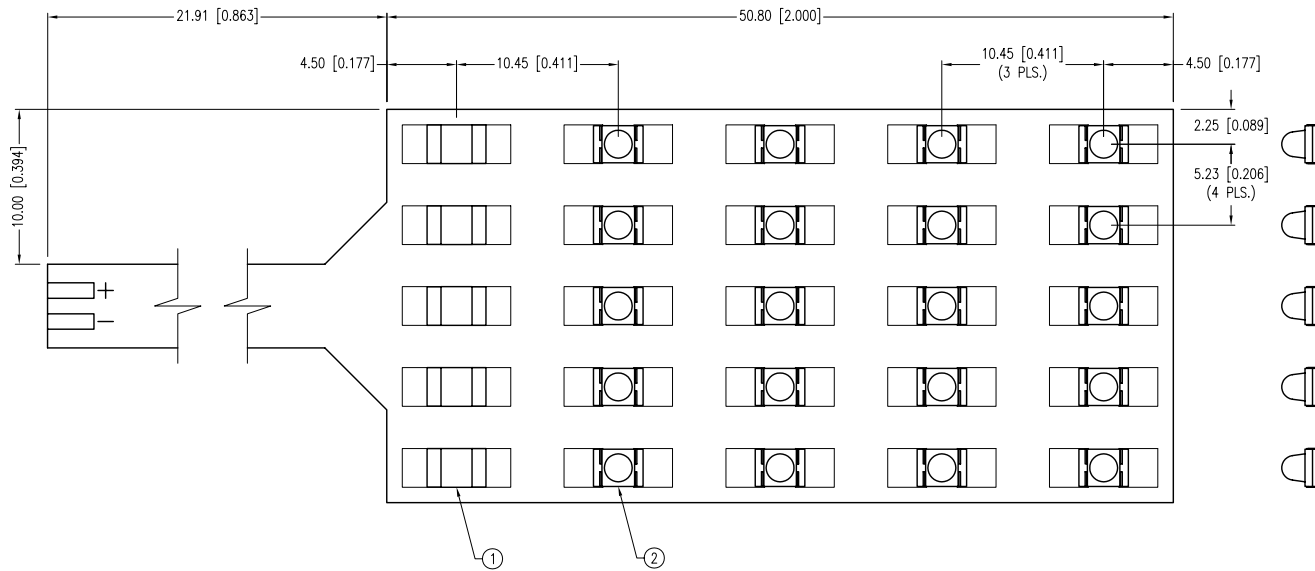


ELECTRO-OPTICAL CHARACTERISTICS $T_a=25^{\circ}\text{C}$ $I_f=20\text{mA}$					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		875		nm	
FORWARD VOLTAGE		1.3	1.6	Vf	
REVERSE VOLTAGE	5.0			Vr	$I_r=100\mu\text{A}$
RADIANT INTENSITY		4.0		mW/SR	$I_f=20\text{mA}$
HALF ANGLE		25		DEGREES	
EPOXY LENS FINISH: WATER CLEAR					

LIMITS OF SAFE OPERATION AT 25°C		
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	1000	mA
STEADY CURRENT	65	mA
POWER DISSIPATION	130	mW
DERATE FROM 25°C	-1.2	mW/°C
OPERATING TEMP.	-40 TO +85	°C
STORAGE TEMP.	-40 TO +85	°C
SOLDERING TEMP.	+260	°C
2.0mm FROM BODY	3	SEC. MAX.

NOTES:

- 1/4W 47Ω RESISTOR (5 PCS.)
- OED-CL1209C875 (20 PCS.)



*UNLESS OTHERWISE SPECIFIED 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 SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN= ^{+DECIMAL PRECISION} _{-0.00} MAX= ^{+0.00} _{-DECIMAL PRECISION}



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CUSTOM FLEXIBLE CABLE WITH LEDS

THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.

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DATE:	10.14.11	DRAWN BY:	AB
PAGE:	1 OF 1	CHKD BY:	SS
SCALE:	NTS	APRVD BY:	SS
UNIT:	mm [INCH]		Ⓟ