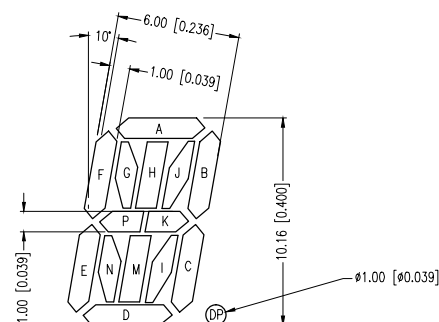
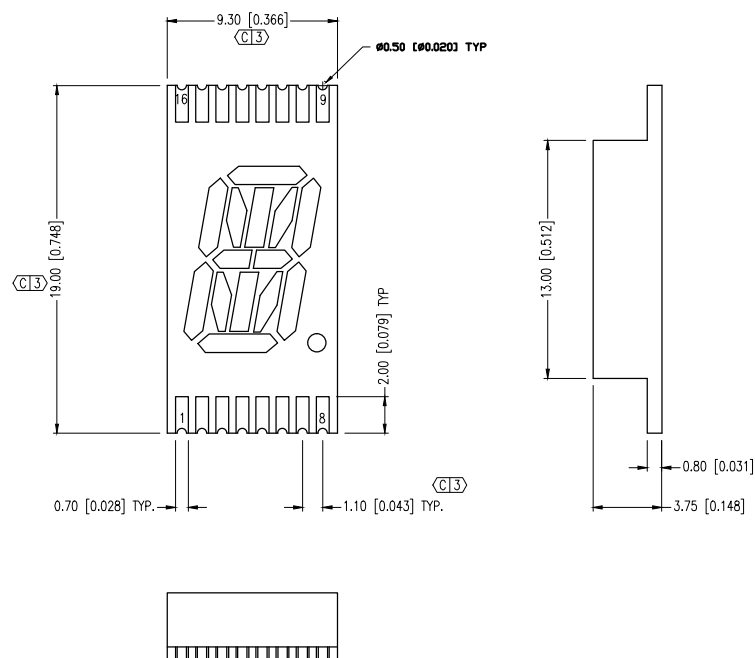
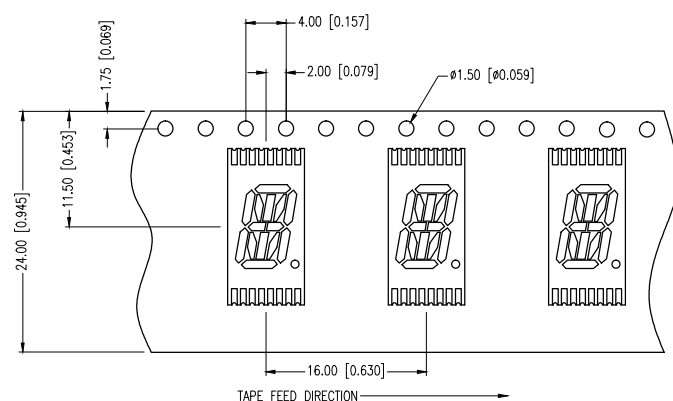


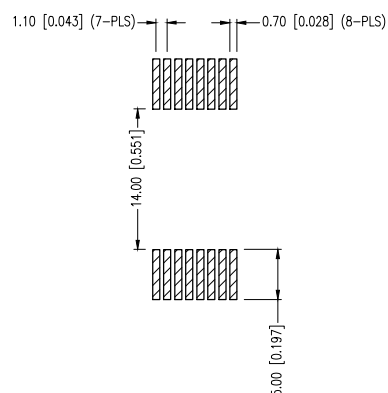


ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^{\circ}\text{C}$ $I_f=20\text{mA}$					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		636		nm	
FORWARD VOLTAGE		2.0	2.5	V_f	
REVERSE VOLTAGE	5.0			V_r	$I_r=100\mu\text{A}$
AXIAL INTENSITY		11000		ucd	$I_f=10\text{mA}$
[L5] EMITTED COLOR:	RED				
[V5] FACE COLOR:	GRAY				
[V5] EPOXY LENS FINISH:	MILKY WHITE DIFFUSED				

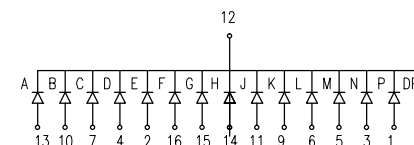
LIMITS OF SAFE OPERATION AT 25°C			PER CHIP	
PARAMETER		MAX		UNITS
PEAK FORWARD CURRENT*		100		mA
STEADY CURRENT		25		mA
POWER DISSIPATION		62.5		mW
DERATE FROM 25°C		-1.2		mW/ $^{\circ}\text{C}$
OPERATING TEMP.		-40 TO +105		$^{\circ}\text{C}$
STORAGE TEMP.		-40 TO +105		$^{\circ}\text{C}$

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

RECOMMENDED PAD LAYOUT



POLARITY DIAGRAM [L5]



[V5] [C13] [C13]

*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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0.40" 14 SEGMENT DISPLAY, GRAY FACE, 636NM RED CHIPS, WHITE SEGMENTS, COMMON CATHODE

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

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DATE: 6-16-15

DRAWN BY: SS

PAGE: 1 OF 1

CHKD BY: --

SCALE:

APRVD BY: --

UNIT: mm [INCH]

(PL)