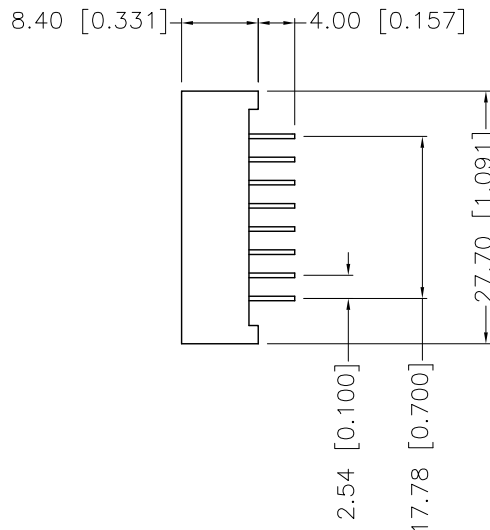
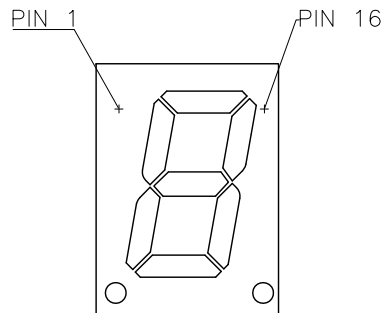
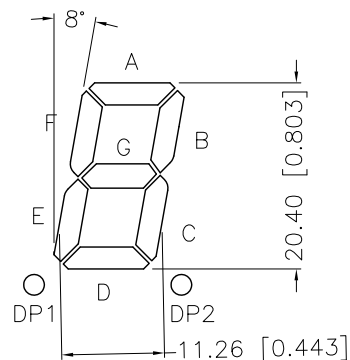
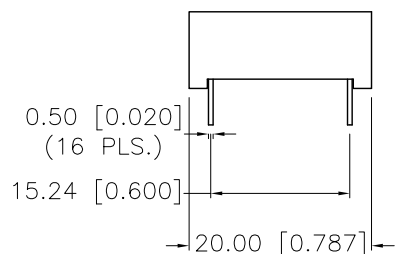


PART NUMBER	LDS-C812LI	REV.	A
DATE	E.C.N. NUMBER AND REVISION COMMENTS		
12.10.12	E.C.N. #10BRDR. & REDRAWN.		
		REV.	A

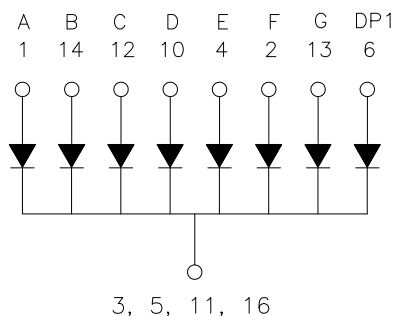


A

ELECTRO-OPTICAL CHARACTERISTICS $T_a=25^\circ\text{C}$ $I_f=20\text{mA}$					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH(G)		565		nm	
FORWARD VOLTAGE		2.0	2.8	Vf	
REVERSE VOLTAGE	4.0			Vr	$I_r=100\mu\text{A}$
AXIAL INTENSITY		2500		ucd	$I_f=20\text{mA}$
VIEWING ANGLE				2x theta	
EMITTED COLOR:	GREEN				
EPOXY SEGMENT:	YELLOW DIFFUSED				
FONT COLOR:	GRAY				



LIMITS OF SAFE OPERATION AT 25°C		
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	25	mA
POWER DISSIPATION	105	mW
DERATE FROM 25°C	-0.8	mW/ $^\circ\text{C}$
OPERATING TEMP.	-40 TO +85	$^\circ\text{C}$
STORAGE TEMP.	-40 TO +85	$^\circ\text{C}$
SOLDERING TEMP.	+260	$^\circ\text{C}$
2.0mm FROM BODY	3	SEC.

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

*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 MAX.=+0.00 -0.00 -DECIMAL PRECISION

UNCONTROLLED DOCUMENT