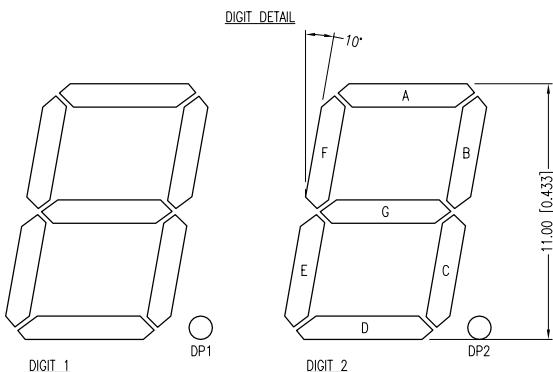
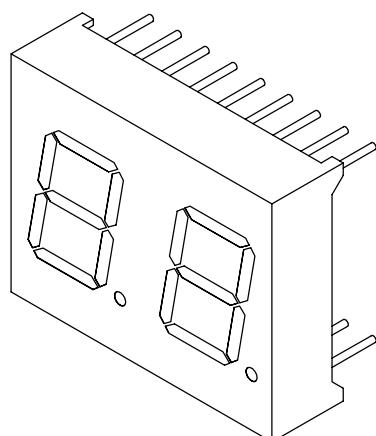
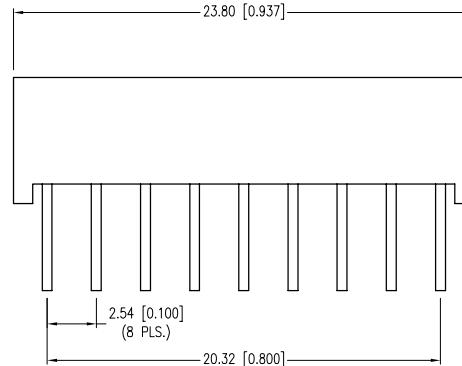
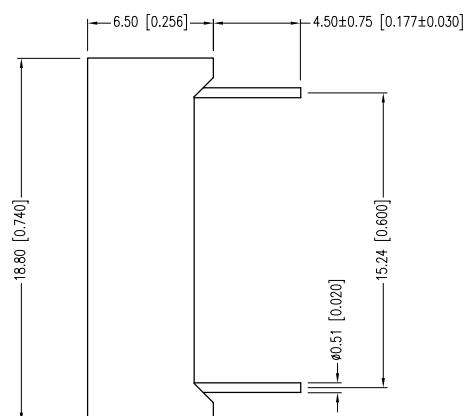
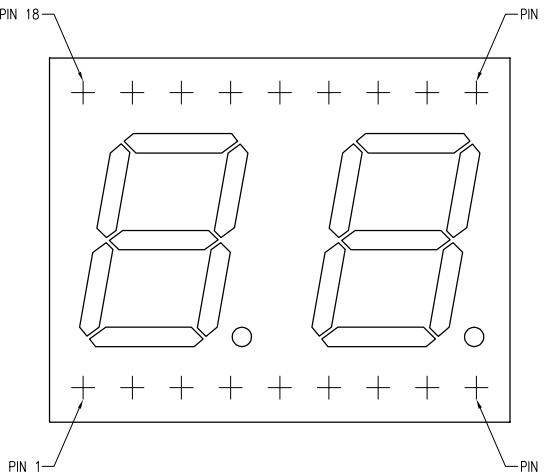


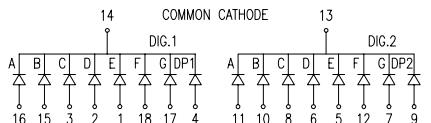
PART NUMBER	LDD-C4305RE		REV.	A
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.	
07.01.11	E.C.N. #10BRDR. & REDRAWN.			A



ELECTRO-OPTICAL CHARACTERISTICS $T_a=25^\circ\text{C}$ $If=10\text{mA}$			
PARAMETER	MIN	TYP	MAX
PEAK WAVELENGTH	700		nm
FORWARD VOLTAGE		2.0	2.5
REVERSE VOLTAGE	5.0		V_r
AXIAL INTENSITY		1500	$I_r=100\mu\text{A}$
EMITTED COLOR:	RED		μcd
FACE COLOR:	BLACK		$If=10\text{mA}$
EPOXY LENS FINISH:	RED		

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	$\text{mW}/^\circ\text{C}$
OPERATING TEMP.	-40 TO +85	°C
STORAGE TEMP.	-40 TO +85	°C
SOLDERING TEMP.	+260	°C
2.0mm FROM BODY	3	SEC. MAX.

* $I < 10\mu\text{S}$



*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: $X=\pm 1$ (± 0.039), $X.X=\pm 0.5$ (± 0.020), $X.XX=\pm 0.25$ (± 0.010), $X.XXX=\pm 0.127$ (± 0.005). LEAD SIZE= ± 0.05 (± 0.002), LEAD LENGTH= ± 0.75 (± 0.030). MIN= -0.00 MAX= $+0.00$

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