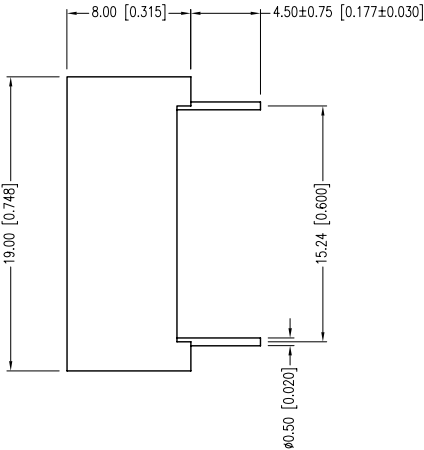
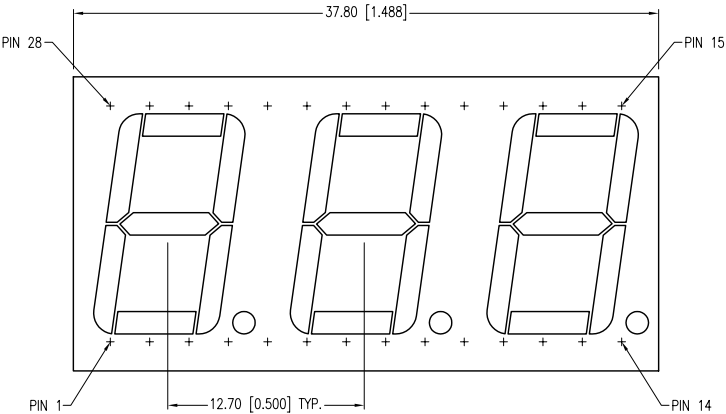


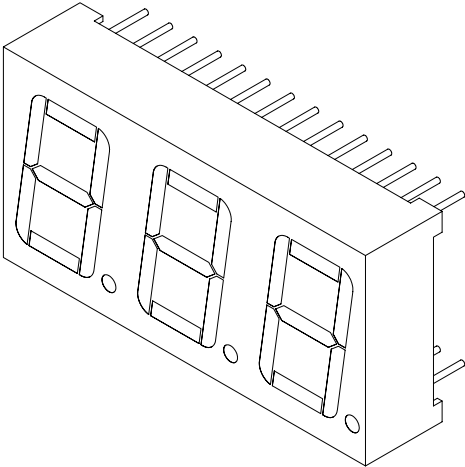
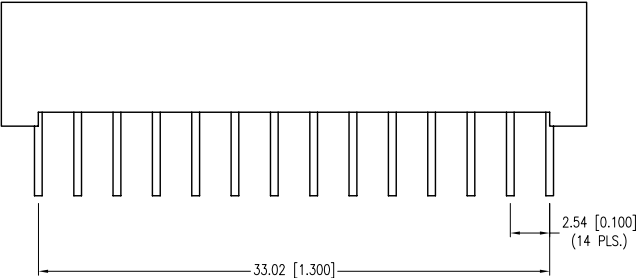
PART NUMBER	LDT-A512RI-SUG	REV.	A
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
09.14.11	E.C.N. #10BRDR & REDRAWN.		A



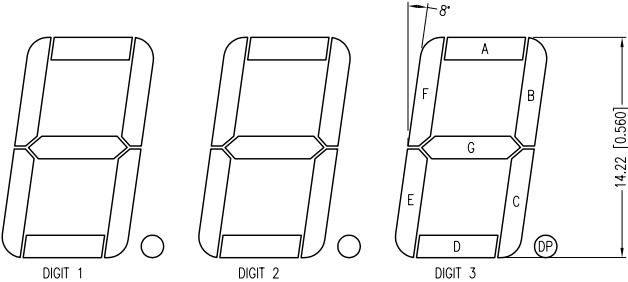
ELECTRO-OPTICAL CHARACTERISTICS Ta=25°C If=10mA					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		574		nm	
FORWARD VOLTAGE		2.2	2.6	Vf	
REVERSE VOLTAGE	5.0			Vr	Ir=100µA
AXIAL INTENSITY		7000		ucd	If=10mA
EMITTED COLOR:	GREEN				
FACE COLOR:	GRAY				
EPOXY LENS FINISH:	MILKY WHITE				

LIMITS OF SAFE OPERATION AT 25°C PER CHIP		
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	25	mA
POWER DISSIPATION	105	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

* t<10µS



DIGIT DETAIL



PIN LAYOUT

