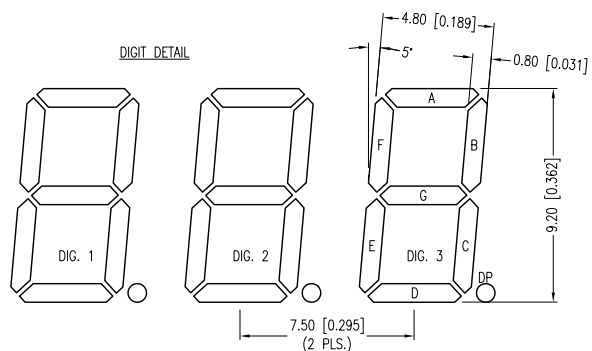
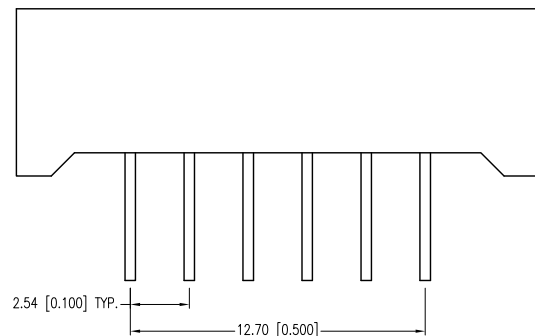
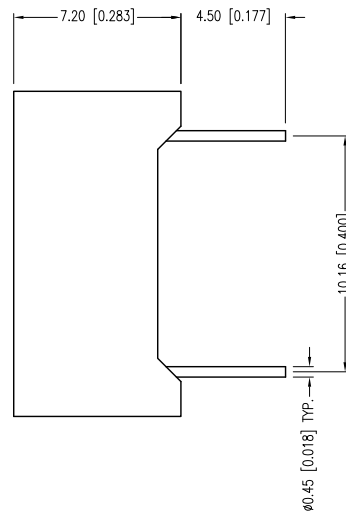


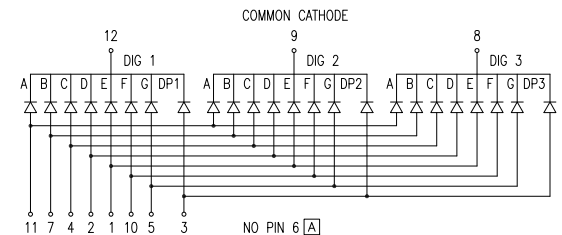


PART NUMBER	LDT-N3606RD-01	REV.	B
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
12.01.99	E.C.N. #10569.		A
07.25.12	E.C.N. #10BRDR. & REDRAWN.		B

ELECTRO-OPTICAL CHARACTERISTICS		Ta=25°C		If=10mA	
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND.
PEAK WAVELENGTH		660		nm	
FORWARD VOLTAGE		1.7	2.3	Vf	
REVERSE VOLTAGE	5.0			Vr	Ir=100μA
AXIAL INTENSITY		3500		μcd	If=10mA
EMITTED COLOR:	RED				
FACE COLOR:	BLACK				
LENS FINISH:	MILKY WHITE DIFFUSED				

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	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



*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.=^{+0.00}_{-0.01} DECIMAL PRECISION MAX.=^{+0.00}_{-0.01} DECIMAL PRECISION *UNCONTROLLED DOCUMENT*