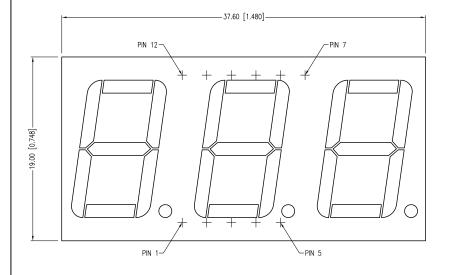
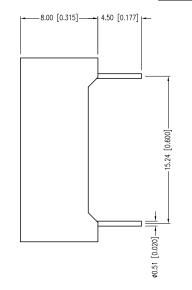
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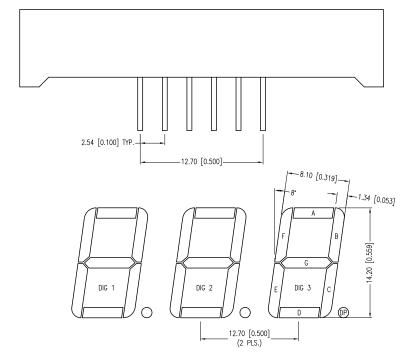
PART NUMBER	LDT-N514RO	REV.	А
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
07.27.12	E.C.N. #10BRDR. & REDRAWN.		Α

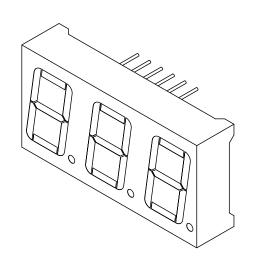


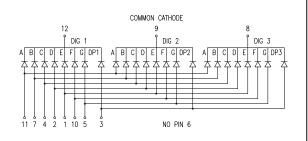


PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		700		nm	
FORWARD VOLTAGE		2.2	2.6	Vf	
REVERSE VOLTAGE	5.0			Vr	Ir=100µA
AXIAL INTENSITY		1400		μcd	If=10mA
EMITTED COLOR:	RED				
FACE COLOR:	RED				
LENS FINISH:	RED DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C PARAMETER MAX UNITS PEAK FORWARD CURRENT\* 150 mΑ STEADY CURRENT 30 mΑ POWER DISSIPATION 105 mW DERATE FROM 25°C -1.2 mW/°C OPERATING TEMP. -40 TO +85 STORAGE TEMP. -40 TO +85 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= +DECIMAL PRECISION MAX.= +0.00 (±0.001), X.XXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN= +DECIMAL PRECISION MAX.= +0.00 (±0.001), X.XXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN= +DECIMAL PRECISION MAX.= +0.00 (±0.001), X.XXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN= +DECIMAL PRECISION MAX.= +0.00 (±0.001), X.XXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN= +DECIMAL PRECISION MAX.= +0.00 (±0.001), X.XXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.001), X.XXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.001), X.XX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.005), X.XX=±0.05 (±0.005),

QUASARBRITE 0.56" 3 DIGIT, 7 SGMT LED DISPLAY, 700nm RED, COMMON CATHODE, MULTIPLEXED.

DRAWN BY: DATE: 07.27.12 AΒ PAGE: 1 OF CHKD BY: SS SCALE: NTS APRVD BY: SS UNIT: mm [INCH] (Pb)

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

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