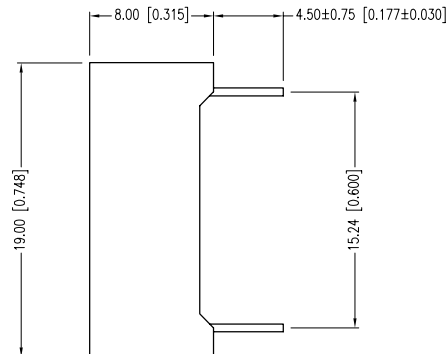
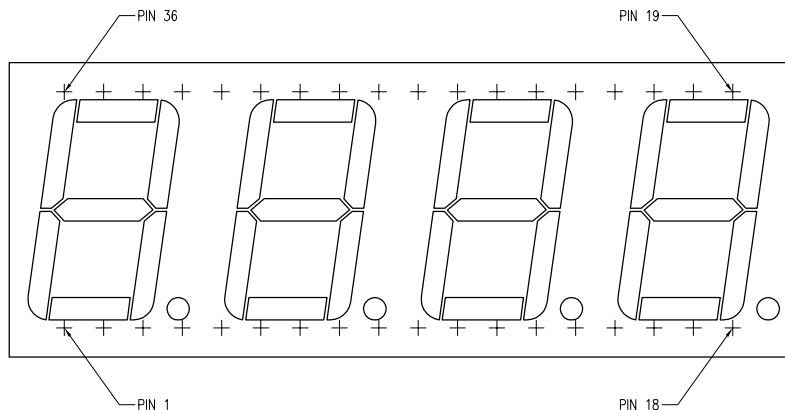


PART NUMBER	LDQ-A514RI	REV.	A
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
06.16.11	E.C.N. #10BRDR. & REDRAWN.		A

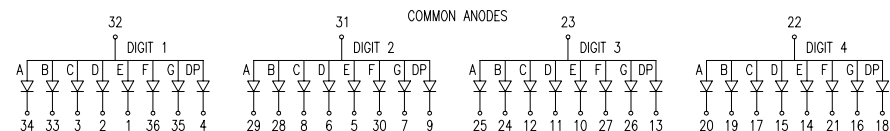
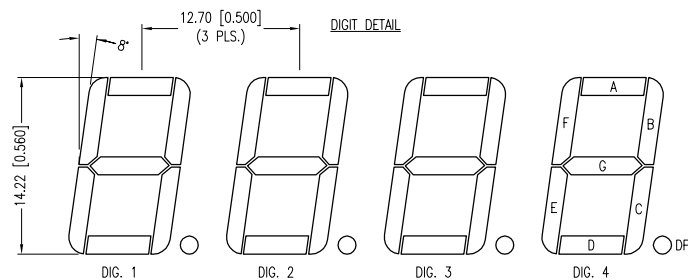
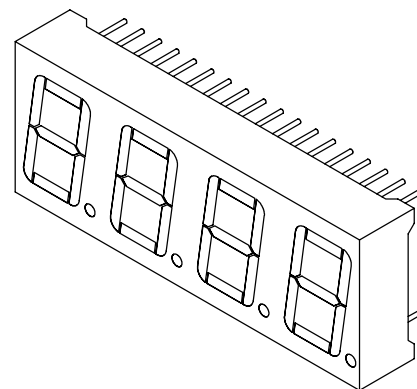
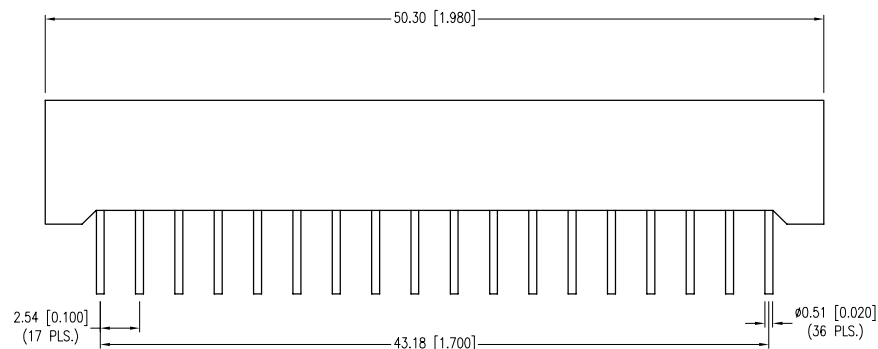


ELECTRO-OPTICAL CHARACTERISTICS TA =25°C If=20mA				
PARAMETER	MIN	TYP.	MAX	UNITS TEST COND
PEAK WAVELENGTH		635		nm
FORWARD VOLTAGE		2.0	2.5	Vf
REVERSE VOLTAGE	5.0			Vr If=100µA
AXIAL INTENSITY		8000		mcd If=20mA
EMITTED COLOR:	RED			
FACE COLOR:	GRAY			
EPOXY LENS FINISH:	MILKY WHITE DIFFUSED			

LIMITS OF SAFE OPERATION AT 25°C

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.	-20 TO +85	°C
STORAGE TEMP.	-20 TO +85	°C
SOLDERING TEMP.	+260	°C
2.0mm FROM BODY	3	SEC. MAX.

* 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 -DECIMAL PRECISION

UNCONTROLLED DOCUMENT

 290 E. HELEN ROAD PALATINE, IL 60067-6976 PHONE: +1.847.359.2790 FAX: +1.847.359.6538 WEB: WWW.LUMEX.COM	.56" 4 DIGIT DISPLAY, RIGHT HAND DECIMAL, 635nm RED, GRAY FACE, WHITE SGMTS, CA, DIRECT DRIVE.		DATE: 06.16.11	DRAWN BY: AB
	THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.		PAGE: 1 OF 1	CHKD BY: JD
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			UNIT: mm [INCH]	Ⓢ