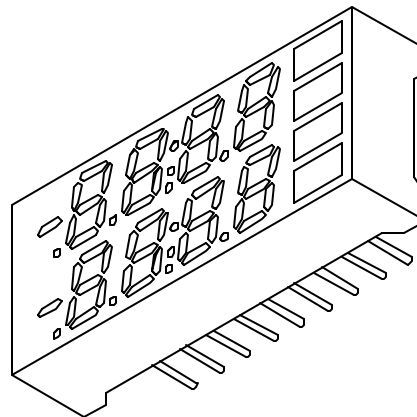
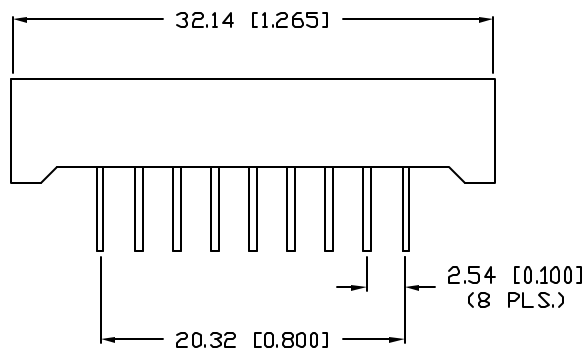
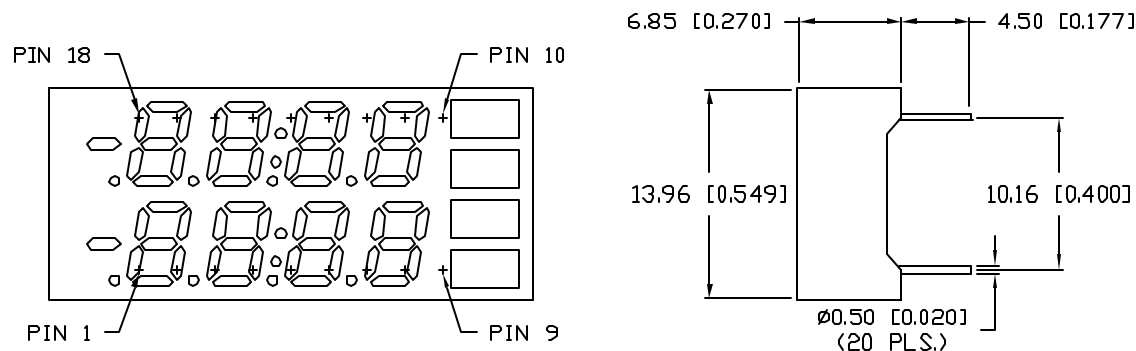


UNCONTROLLED DOCUMENT

PART NUMBER
LDQ-2R3214N22RIREV.
AREV. E.C.N. NUMBER AND REVISION COMMENTS
A E.C.N. #11148.DATE
03.19.07ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$ $I_f=10\text{mA}$

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		635 (RED)		nm	
		565 (GREEN)		nm	
FORWARD VOLTAGE (R/G)		2.0/2.2	2.5/2.6	V _f	
REVERSE VOLTAGE	5.0			V _r	$I_r=100\mu\text{A}$
AXIAL INTENSITY		3500		μcd	$I_f=10\text{mA}$
EMITTED COLOR:	RED/GREEN				
FACE COLOR:	GRAY				
SEGMENT COLOR:	MILKY WHITE DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C PER CHIP

PARAMETER	COLORS	MAX	UNITS
PEAK FORWARD CURRENT*		150	mA
STEADY CURRENT	(R/G)	30/25	mA
POWER DISSIPATION		105	mW
DERATE FROM 25°C		-1.2	mW/ $^\circ\text{C}$
OPERATING, STORAGE TEMP.		-40 TO +85	$^\circ\text{C}$
SOLDERING TEMP.		+260	$^\circ\text{C}$
2.0mm FROM BODY			3 SEC. MAX

* $t < 10\mu\text{s}$

*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 DECIMAL PRECISION MAX.=+0.00 DECIMAL PRECISION

REV.
APART NUMBER
LDQ-2R3214N22RI0.22" EIGHT DIGIT, SEVEN SEGMENT, CUSTOM LED DISPLAY,
565nm GREEN CHIPS, GRAY FACE WITH WHITE SEGMENTS,
DOUBLE ROW, COMMON CATHODE.CONFIDENTIAL INFORMATION
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OUR MANY YEARS OF EXPERIENCE DATA ACCUMULATION INDICATE THAT
SOLDER HEAT IS A MAJOR CAUSE OF EARLY AND FUTURE FAILURE.
PLEASE PAY ATTENTION TO YOUR SOLDERING PROCESS.290 E. HELEN ROAD
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CHECKED BY:

APPROVED BY:

DATE: 4.3.01
PAGE: 1 OF 2
SCALE: N/A

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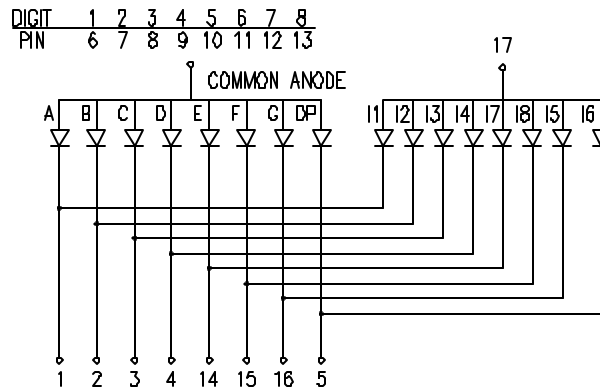
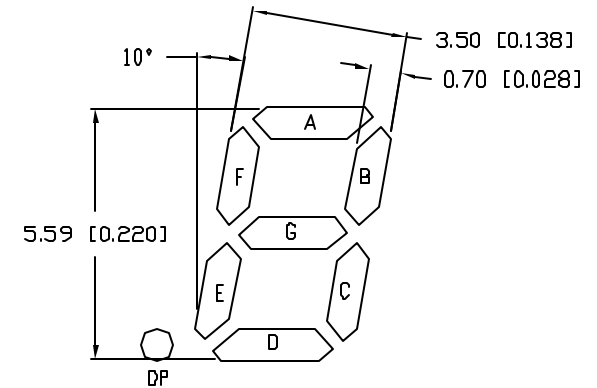
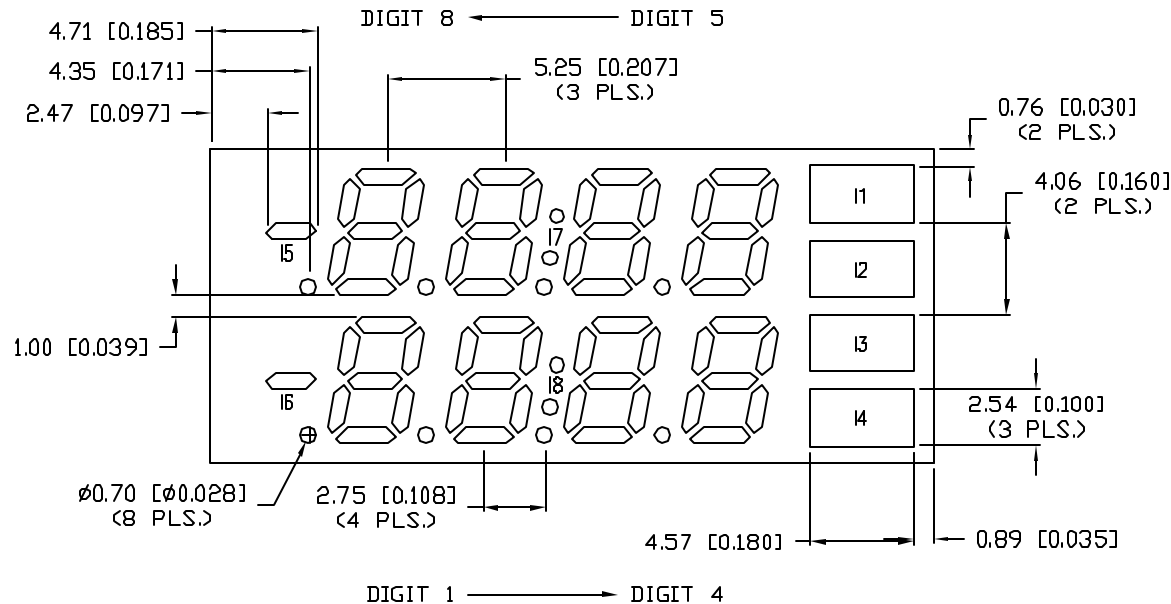
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LDQ-2R3214N22RIREV.
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REV. E.C.N. NUMBER AND REVISION COMMENTS

DATE

A

SEE PAGE #1



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REV.

A

PART NUMBER

LDQ-2R3214N22RI

0.22" EIGHT DIGIT, SEVEN SEGMENT, CUSTOM LED DISPLAY,
565nm GREEN CHIPS, GRAY FACE WITH WHITE SEGMENTS,
DOUBLE ROW, COMMON CATHODE.

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