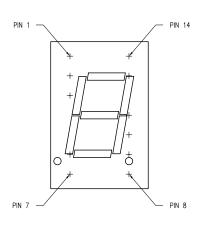
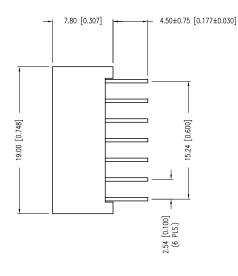
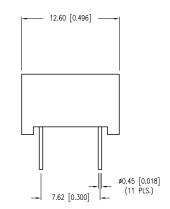
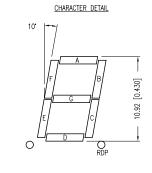
UNCONTROLLED DOCUMENT

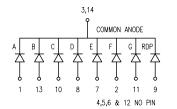
PART NUMBER	LDS-A414RI	REV.	D
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
08.04.97	E.C.N. #10369.		Α
05.11.99	E.C.N. #10BRDR. & REDRAWN.		В
02.28.06	E.C.N. #11379/#10BRDR & REDRAWN.		С
11.15.11	E.C.N. #10BRDR.		D











ELECTRO-OPTICAL	CHARACTERISTICS	Ta=25*C If=20n	nΑ		
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		635		nm	
FORWARD VOLTAGE		2.0	2.5	Vf	
REVERSE VOLTAGE	5.0			Vr	lr=100µA
AXIAL INTENSITY		3900		mcd	If=20mA
EMITTED COLOR:	RED				
FACE COLOR:	GRAY				
EPOXY LENS FINISH	H: MILKY WHITE	DIFFUSED			

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.

RELIABILITY NOTE:
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.

\*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).

Creating LED and LCD Solutions Together™

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0.43" SINGLE DIGIT, 7 SGMT DSPY, 635nm RED CHIPS, GRAY FACE W/WHT SGMTS, COMMON ANODE.

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

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UNCONTROLLED DOCUMENT DATE: 11.15.11 DRAWN BY: AΒ PAGE: 1 OF 1 CHKD BY: SS SCALE: NTS APRVD BY: KF UNIT: mm [INCH] (Pb)