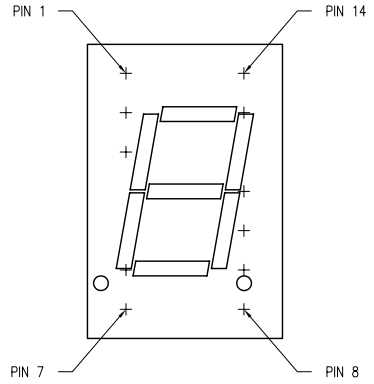
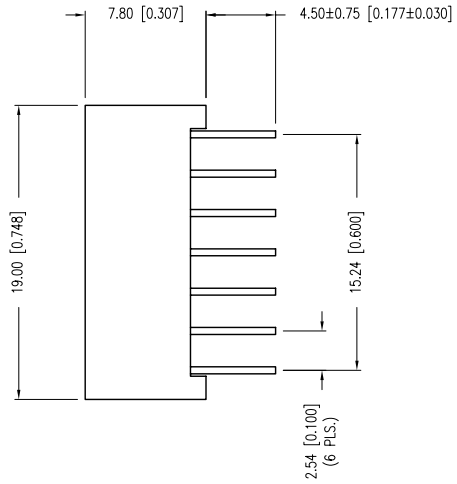
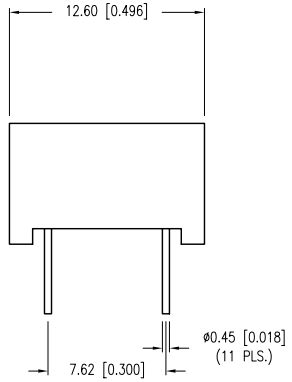
PART NUMBER	LDS-A414RI	REV.	E

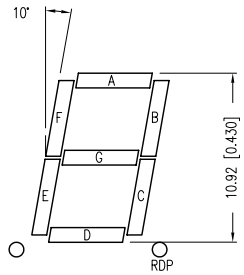
DATE	E.C.N. NUMBER AND REVISION COMMENTS	REV.
08.04.97	E.C.N. #10369.	A
05.11.99	E.C.N. #10BRDR. & REDRAWN.	B
02.28.06	E.C.N. #11379/#10BRDR & REDRAWN.	C
11.15.11	E.C.N. #10BRDR.	D
11.17.11	E.C.N. #11771.	E

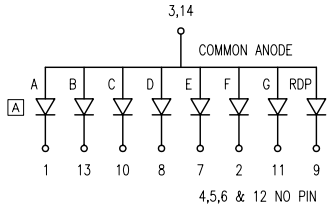






CHARACTER DETAIL





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	Ir=100µA
AXIAL INTENSITY		3900		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.	-40 TO +85	°C
STORAGE TEMP.	-40 TO +85	°C
SOLDERING TEMP.	+260	°C
2.0mm FROM BODY	3	SEC.

* t<10µS

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 -0.00 MAX.= +0.00 -DECIMAL PRECISION

UNCONTROLLED DOCUMENT

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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.

DATE: 11.15.11	DRAWN BY: AB
PAGE: 1 OF 1	CHKD BY: JD
SCALE: NTS	APRVD BY: SS
UNIT: mm [INCH]	Pb