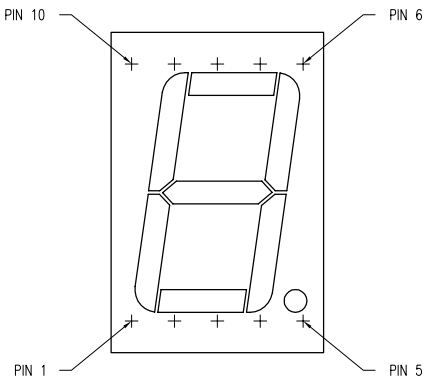
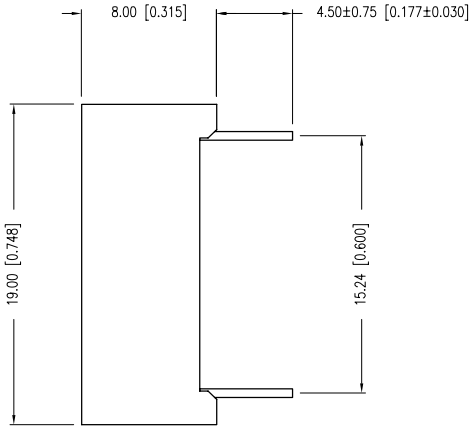
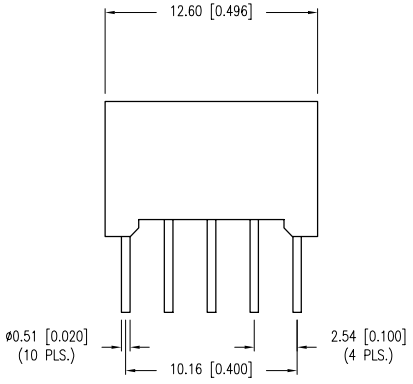
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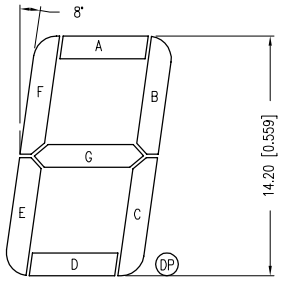
PART NUMBER	LDS-A514RI	REV.	A
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
04.08.96	E.C.N. #10141.		A
–	E.C.N. #10BRDR. & REDRAWN.		B







CHARACTER DETAIL



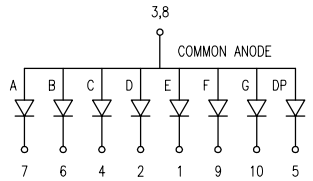
ELECTRO-OPTICAL CHARACTERISTICS T_A=25°C I_f=20mA

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		635 (RED)		nm	
FORWARD VOLTAGE		2.0	2.5	V_f	
REVERSE VOLTAGE	5.0			V_r	I_r=100uA
AXIAL INTENSITY		3900		mcd	I_f=20mA
EMITTED COLOR:	RED				
FACE COLOR:	GRAY				
SEGMENT COLOR:	MILKY WHITE DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C PER CHIP

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. MAX

* t<10uS



*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= $^{+\text{DECIMAL PRECISION}}_{-0.00}$ MAX.= $^{+0.00}_{-\text{DECIMAL PRECISION}}$

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0.56" 7 SGMT, 1 DIGIT DISPLAY, 635nm RED CHIPS, GRY FACE W/WHT SGMTS, CA, RIGHT DECIMAL.

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

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DATE:	11.18.92	DRAWN BY:	SS
PAGE:	1 OF 1	CHKD BY:	SS
SCALE:	NTS	APRVD BY:	--
UNIT:	mm [INCH]	Pb	