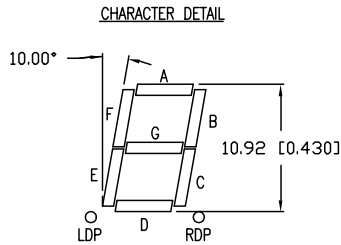
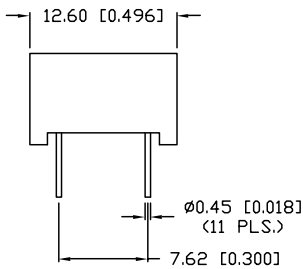
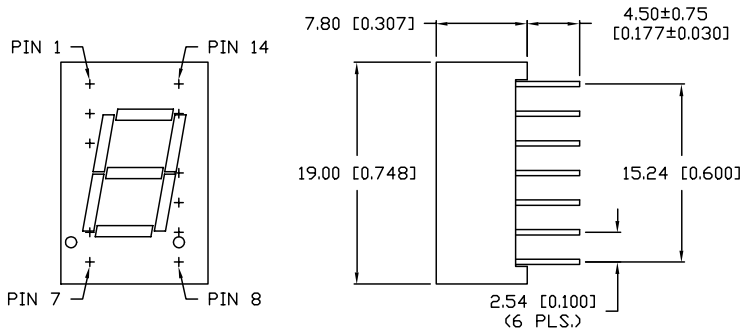


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(LX)	PART NUMBER LDS-A414BI	REV.
REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE

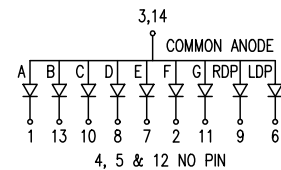


ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$ $I_f=10\text{mA}$					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		635		nm	
FORWARD VOLTAGE		2.0	2.5	V _f	
REVERSE VOLTAGE	5.0			V _r	I _f =100µA
AXIAL INTENSITY		3900		µcd	I _f =10mA
EMITTED COLOR:	RED				
FACE COLOR:	GRAY				
SEGMENT 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, STORAGE TEMP.	-40 TO +85	°C
SOLDERING TEMP.	+260	°C
2.0mm FROM BODY		3 SEC. MAX

* t<10µS



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*UNLESS OTHERWISE SPECIFIED TOLERANCE IS ±0.25mm (±0.010")

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0.43" SINGLE DIGIT, SEVEN SEGMENT DISPLAY, 635nm RED CHIPS, GRAY FACE WITH WHITE SEGMENTS, COMMON ANODE.		<p>DRAWN BY: SS/BC</p>	<p>CHECKED BY:</p> <p>APPROVED BY:</p> <p>DATE: 9-21-99</p> <p>PAGE: 1 OF 1</p> <p>SCALE: N/A</p>