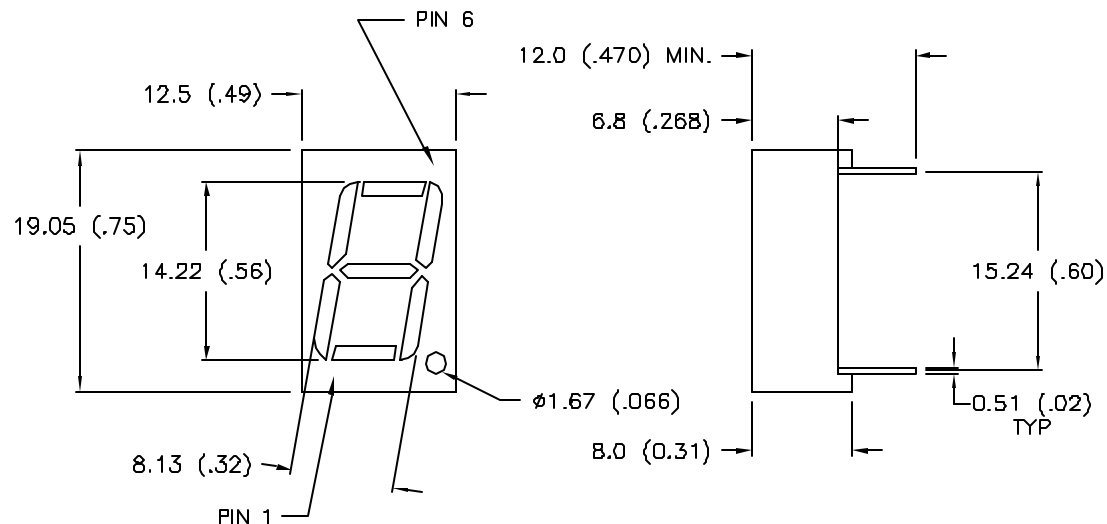


DATE	REVISIONS	REV	DRAWING NUMBER	REV
7-21-95	CORRECTED SEGMENT REPRESENTATION, UPDATED SPECS./	A	LDS-C514R0	B
10-4-96	E.C.N. #10255./	B		

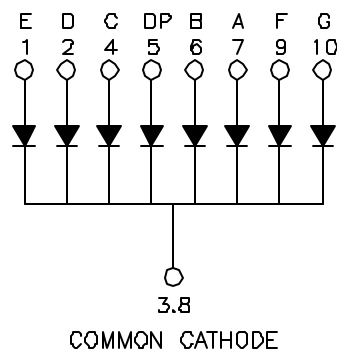
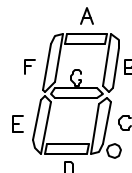
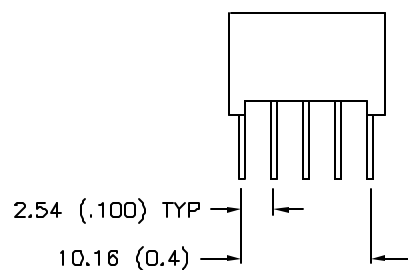


ELECTRO-OPTICAL CHARACTERISTICS $T_A = 25^\circ\text{C}$ $I_f = 20\text{mA}$					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		635 (RED)		nm	
FORWARD VOLTAGE		2.1	2.8	V_f	
REVERSE VOLTAGE	5.0			V_r	$I_r = 100\mu\text{A}$
AXIAL INTENSITY		3900		ucd	$I_f = 20\text{mA}$
EMITTED COLOR	RED				
EPOXY SEGMENT	RED	DIFFUSED			
FONT COLOR	RED				

LIMITS OF SAFE OPERATION PER SEGMENT AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	105	mW
DERATE FROM 25°C	-1.8	mW/ $^\circ\text{C}$
OPERATING, STORAGE TEMP	-40 TO +85	$^\circ\text{C}$
LEAD SOLDERING TEMP	+260	$^\circ\text{C}$
2.0mm FROM BODY		3 SEC. MAX

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



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DATE: 11-18-92	DWN:	CHK'D:	APPD:
SCALE: N/A			

.56" SINGLE DIGIT, SEVEN SEGMENT DISPLAY,
635nm, RED

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DRAWING NUMBER
LDS-C514R0

REV
B