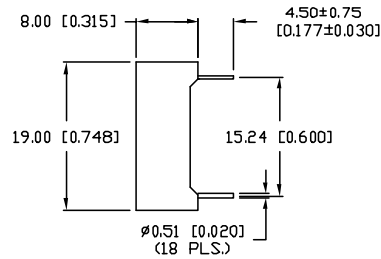
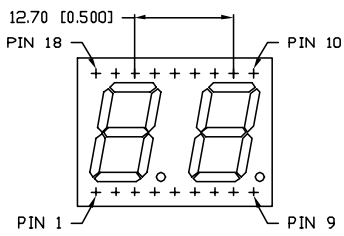


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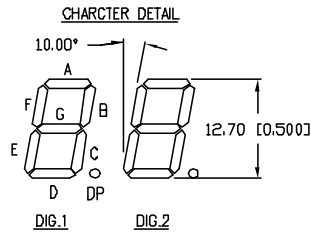
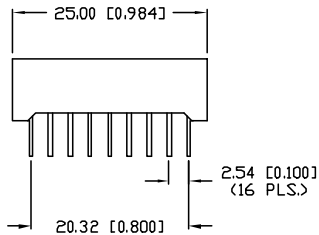
PART NUMBER
LDD-C5005RE

REV.

REV. E.C.N. NUMBER AND REVISION COMMENTS DATE

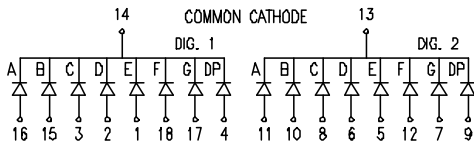


ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$ $I_f=10\text{mA}$					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		700 (RED)		nm	
FORWARD VOLTAGE		2.0	2.5	V_f	
REVERSE VOLTAGE	5.0			V_r	$I_f=100\mu\text{A}$
AXIAL INTENSITY		980		μcd	$I_f=10\text{mA}$
EMITTED COLOR:	RED				
FACE COLOR:	BLACK				
SEGMENT COLOR:	RED DIFFUSED				



LIMITS OF SAFE OPERATION AT 25°C PER CHIP		
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	25	mA
POWER DISSIPATION	120	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

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



UNCONTROLLED DOCUMENT

*UNLESS OTHERWISE SPECIFIED TOLERANCE IS $\pm 0.25\text{mm}$ ($\pm 0.010''$)

REPLACES PART#: LDD-C5005RE

REV.	PART NUMBER LDD-C5005RE
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0.50" DUAL DIGIT SEVEN SEGMENT DISPLAY,
700nm RED CHIPS, COMMON CATHODE,
RED DIFFUSED SEGMENTS, BLACK FACE.

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.

DRAWN BY: BC	CHECKED BY:	APPROVED BY:	DATE: 8-27-98
			PAGE: 1 OF 1
			SCALE: N/A