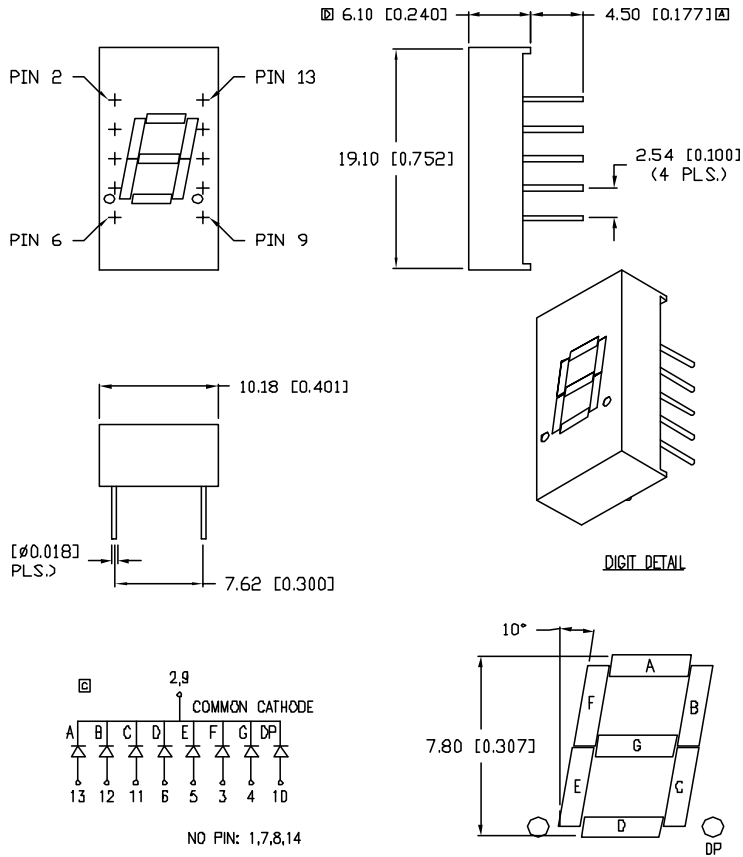


UNCONTROLLED DOCUMENT



PART NUMBER		REV.
LDS-C302RI		D
REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #10387.	10.27.97
B	E.C.N. #10BRDR. & REDRAWN IN 3D.	1.18.03
C	E.C.N. #11153.	7.26.04
D	E.C.N. #11193.	12.07.04

ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^{\circ}\text{C}$ $I_f=10\text{mA}$

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		565		nm	
FORWARD VOLTAGE		2.2	2.6	V_f	
REVERSE VOLTAGE	5.0			V_r	$I_f=100\mu\text{A}$
AXIAL INTENSITY		3500		μcd	$I_f=10\text{mA}$
EMITTED COLOR:	GREEN				
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	25	mA
POWER DISSIPATION	105	mW
DERATE FROM 25°C	-1.6	mW/°C
OPERATING, STORAGE TEMP.	-30 TO +85	°C
SOLDERING TEMP.	+260	°C
2.0mm FROM BODY	3 SEC. MAX	

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

*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=#1 (± 0.039), XX=#0.5 (± 0.020), XXX=#0.25 (± 0.010), XXXX=#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

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REV.	PART NUMBER
D	LDS-C302RI

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0.30" SEVEN SEGMENT, LED DISPLAY, COMMON CATHODE,
 565nm GREEN CHIPS, GRAY FACE WITH WHITE SEGMENTS.

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:	CHECKED BY:	APPROVED BY:	DATE:
BC			5.9.97
			PAGE: 1 OF 1
			SCALE: N/A