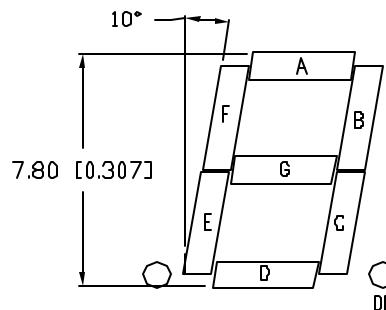
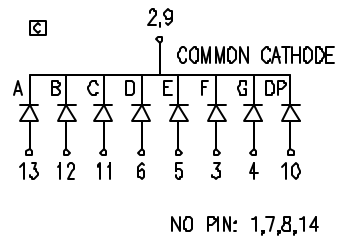
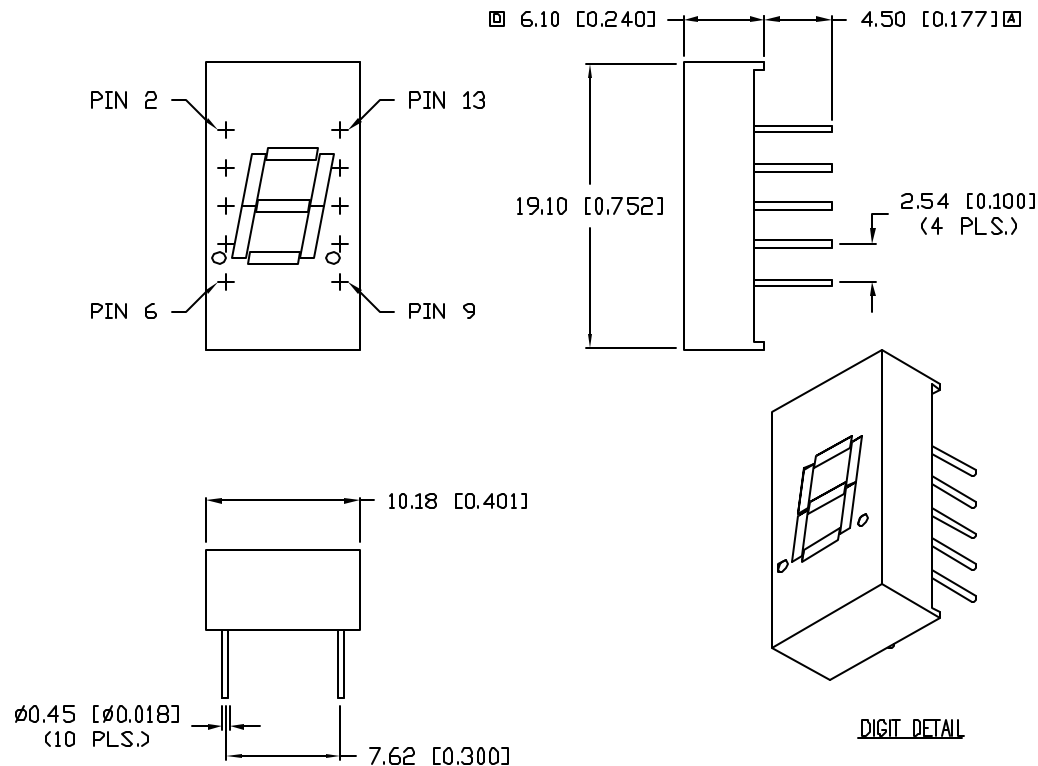


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*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.25 (±0.010), X.XXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030), MIN.=^{+0.00}_{-0.00} DECIMAL PRECISION MAX.=^{+0.00}_{-0.00} DECIMAL PRECISION

PART NUMBER
LDS-C303RIREV.
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	7.21.04
D	E.C.N. #11193.	12.07.04

ELECTRO-OPTICAL CHARACTERISTICS T_A=25°C I_F=10mA

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		585		nm	
FORWARD VOLTAGE		2.1	2.5	V _F	
REVERSE VOLTAGE	5.0			V _R	I _F =100μA
AXIAL INTENSITY		2000		μcd	I _F =10mA
EMITTED COLOR:	YELLOW				
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	-1.6	mW/°C
OPERATING, STORAGE TEMP.	-30 TO +85	°C
SOLDERING TEMP.	+260	°C
2.0mm FROM BODY	3 SEC. MAX	

* t<10μS

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REV.
DPART NUMBER
LDS-C303RI

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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.



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TW WEB: www.lumex.com.tw

0.30" SEVEN SEGMENT, LED DISPLAY, COMMON CATHODE,
585nm YELLOW CHIPS, GRAY FACE WITH WHITE SEGMENTS.

DRAWN BY:

BC

CHECKED BY:

APPROVED BY:

DATE: 5.9.97

PAGE: 1 OF 1

SCALE: N/A

Mouser Electronics

Authorized Distributor

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