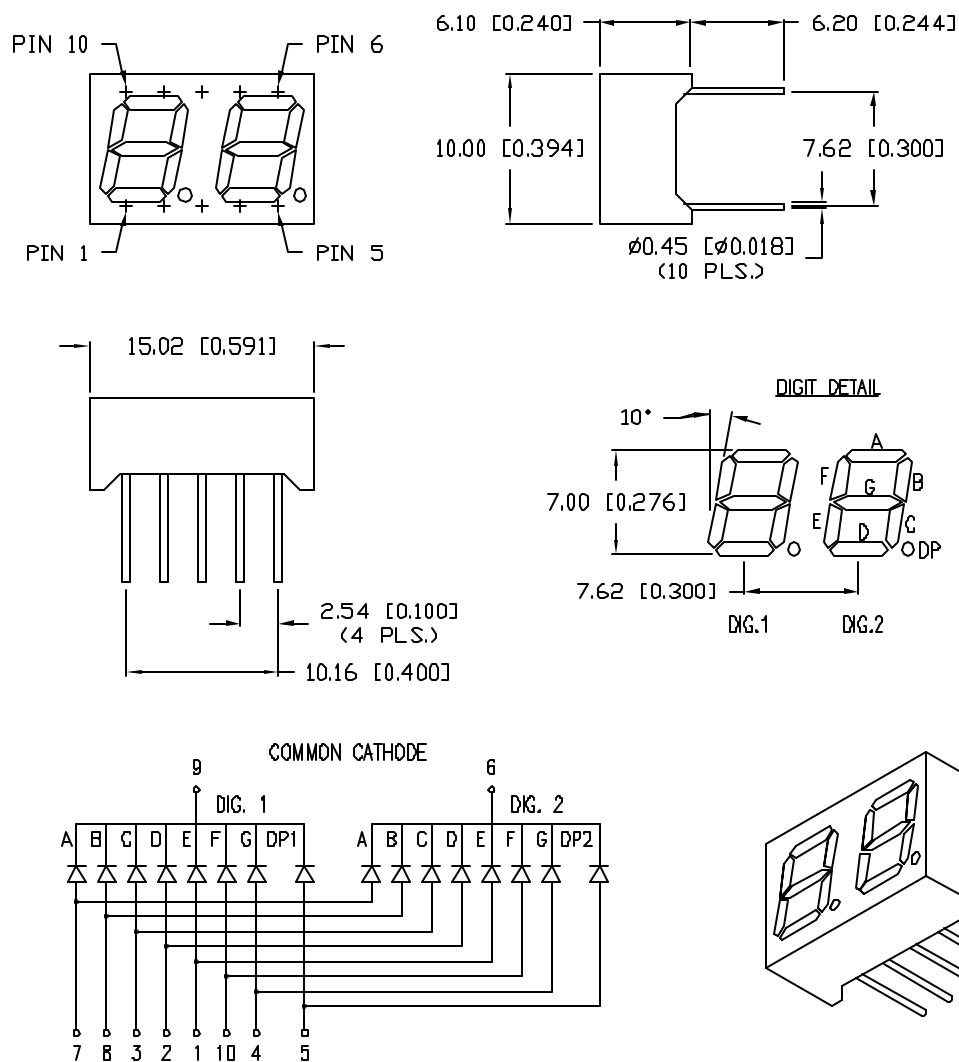


UNCONTROLLED DOCUMENT



PART NUMBER		REV.
LDD-F2802RI		A
REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #10BRDR. & REDRAWN IN 3D.	6.21.03

ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$ $I_f=10\text{mA}$				
PARAMETER	MIN	TYP	MAX	UNITS
PEAK WAVELENGTH		565		nm
FORWARD VOLTAGE		2.2	2.6	V_f
REVERSE VOLTAGE	5.0			V_r
AXIAL INTENSITY		2500		μcd
EMITTED COLOR:	GREEN			
FACE COLOR:	GRAY			
SEGMENT COLOR:	MILKY WHITE DIFFUSED			

LIMITS OF SAFE OPERATION AT 25°C PER CHIPS		
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	25	mA
POWER DISSIPATION	105	mW
DERATE FROM 25°C	-1.6	$\text{mW}/^\circ\text{C}$
OPERATING, STORAGE TEMP.	-40 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 (± 0.30), MIN= $\begin{matrix} +0.00 \\ -0.00 \end{matrix}$ MAX= $\begin{matrix} +0.00 \\ -0.00 \end{matrix}$ DECIMAL PRECISION

REV.	PART NUMBER	CONFIDENTIAL INFORMATION	290 E. HELEN ROAD PALATINE, IL 60067-6976 PHONE: +1.847.359.2790 US WEB: www.lumex.com TW WEB: www.lumex.com.tw
A	LDD-F2802RI		DRAWN BY: BC
0.28" SEVEN SEGMENT, DUAL DIGIT, LED DISPLAY. 565nm GREEN CHIPS, GRAY FACE WITH WHITE SEGMENTS, MULTIPLEXED, COMMON CATHODE.	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.	CHECKED BY:	APPROVED BY:

DATE: 10.1.02
PAGE: 1 OF 1
SCALE: N/A

Mouser Electronics

Authorized Distributor

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