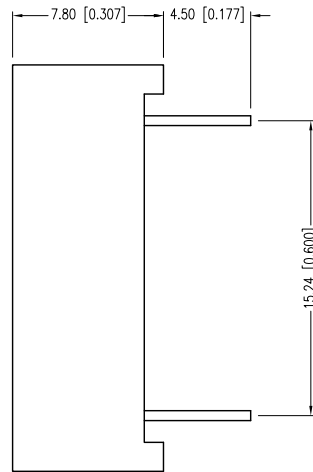
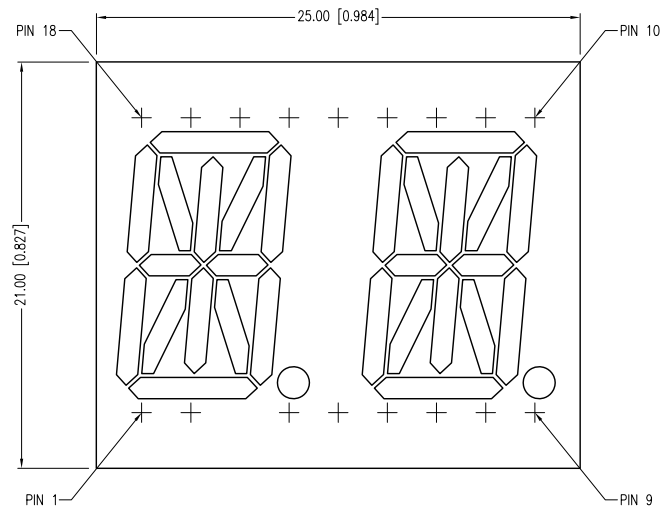


PART NUMBER	LDD-F5407RI-USB	REV.	B
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
07.14.10	E.C.N. #11651.		A
07.10.12	E.C.N. #10BRDR. & REDRAWN.		B

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

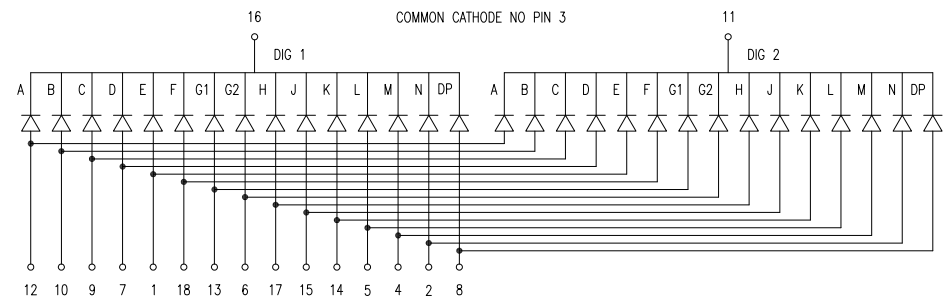
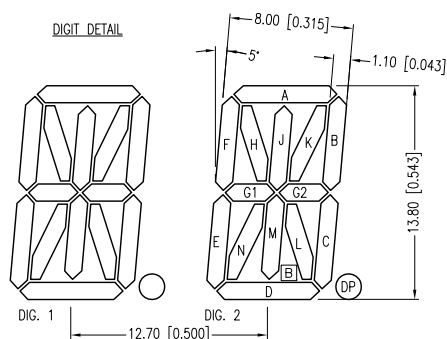
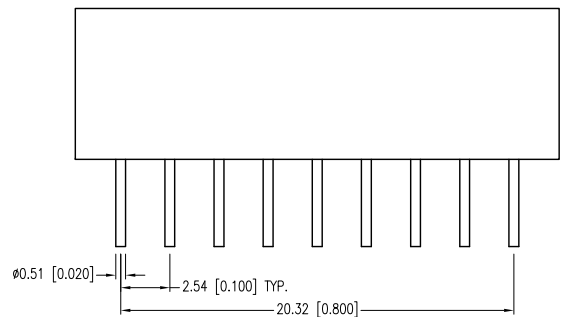
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		470		nm	
FORWARD VOLTAGE		3.5	4.0	V _f	
REVERSE VOLTAGE	5.0			V _r	I _r =100 μ A
AXIAL INTENSITY		6000		μcd	I _f =10mA
EMITTED COLOR:	BLUE				
FACE COLOR:	GRAY				
LENS FINISH:	MILKY WHITE DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C PER DIE

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	25	mA
POWER DISSIPATION	120	mW
DERATE FROM 25°C	-1.6	mW/°C
OPERATING TEMP.	-40 TO +85	°C
STORAGE TEMP.	-40 TO +85	°C
SOLDERING TEMP.	+260	°C
2.0mm FROM BODY	3	SEC.

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

CAUTION: STATIC SENSITIVE DEVICE
FOLLOW PROPER E.S.D. HANDLING PROCEDURES
WHEN WORKING WITH THIS PART.



*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: $X=\pm 1$ (± 0.039), $X.X=\pm 0.5$ (± 0.020), $X.XX=\pm 0.25$ (± 0.010), $X.XXX=\pm 0.127$ (± 0.005). LEAD SIZE= ± 0.05 (± 0.002), LEAD LENGTH= ± 0.75 (± 0.030), MIN= $^{+0.001}_{-0.000}$ DECIMAL PRECISION MAX.= $^{+0.001}_{-0.000}$ DECIMAL PRECISION

UNCONTROLLED DOCUMENT

0.54" 14 SEGMENT 2 DIGIT LED DISPLAY, 470nm BLUE CHIPS GRAY FACE, W/WHITE SEGMENT M-PLXED, COMMON CATHODE.

THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.

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DATE:	07.10.12	DRAWN BY:	AB
PAGE:	1 OF 1	CHKD BY:	KF
SCALE:	NTS	APRVD BY:	KF
UNIT:	mm [INCH]		Ⓢ

Mouser Electronics

Authorized Distributor

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