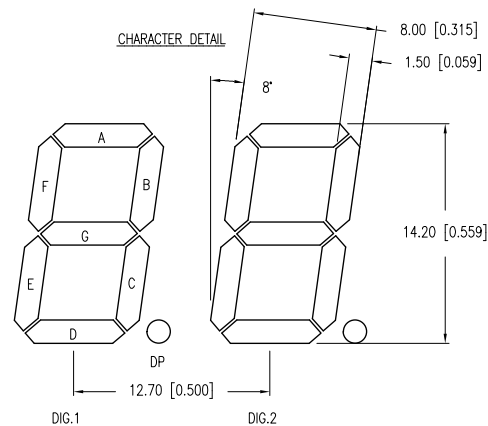
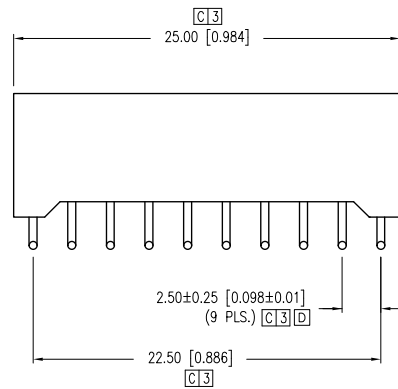
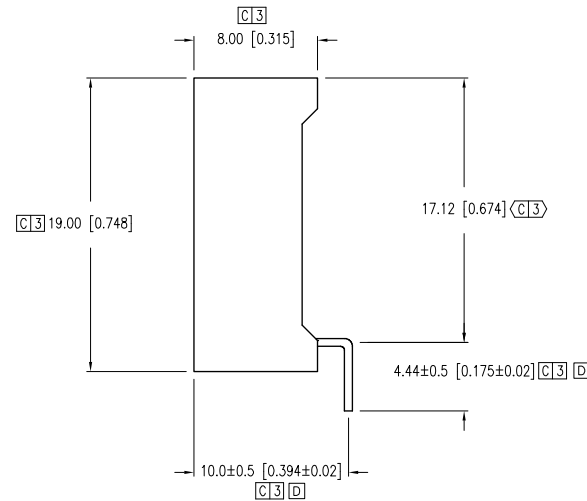
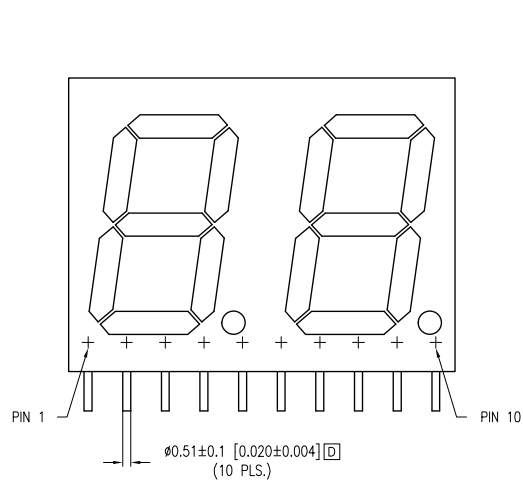


PART NUMBER	LDD-M516RI-RA	REV.	D
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
04.26.96	E.C.N. #10156.		A
02.17.99	E.C.N. #10BRDR. & REDRAWN.		B
05.19.10	E.C.N. #11641.		C
10.26.16	ECN-Lumex201600076		D

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

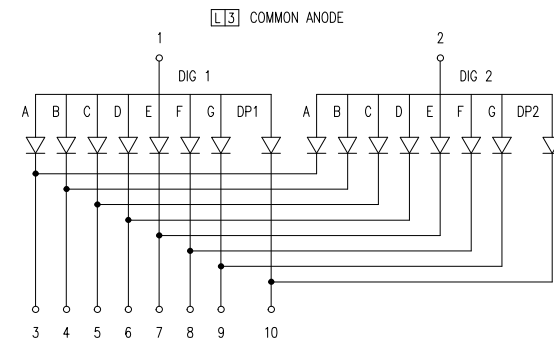
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		660		nm	
FORWARD VOLTAGE	2.0		2.5	V_f	
REVERSE VOLTAGE			5.0	V_r	$I_r=100\mu\text{A}$
LUMINOUS INTENSITY		12,000		μcd	$I_f=10\text{mA}$
EMITTED COLOR:	RED				
FACE COLOR:	GRAY				
SEGMENT COLOR:	MILKY WHITE DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C PER CHIP

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	100	mA
STEADY CURRENT	25	mA
POWER DISSIPATION	62.5	mW
OPERATING TEMP.	-35 TO +85	$^\circ\text{C}$
STORAGE TEMP.	-35 TO +85	$^\circ\text{C}$
SOLDERING TEMP.**	MAX.3SEC @260	$^\circ\text{C}$

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

**2mm BELOW PACKAGE BASE



*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.= +DECIMAL PRECISION MAX.= +0.00
-0.00 -DECIMAL PRECISION