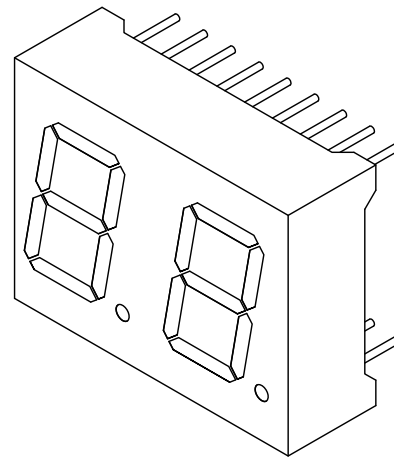
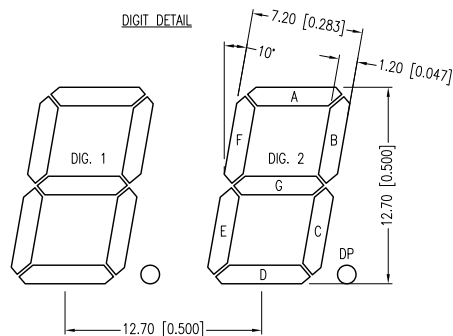
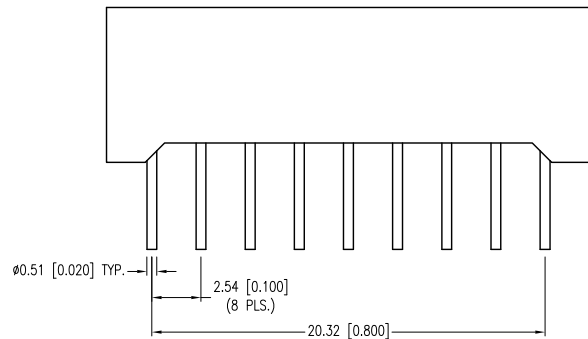
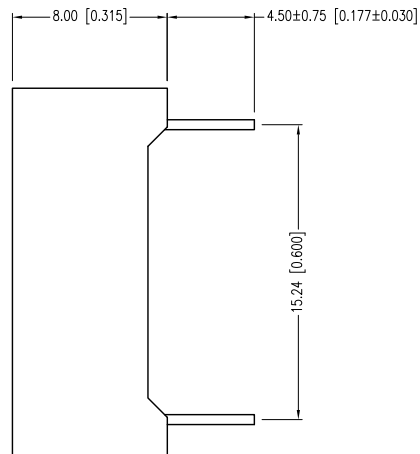
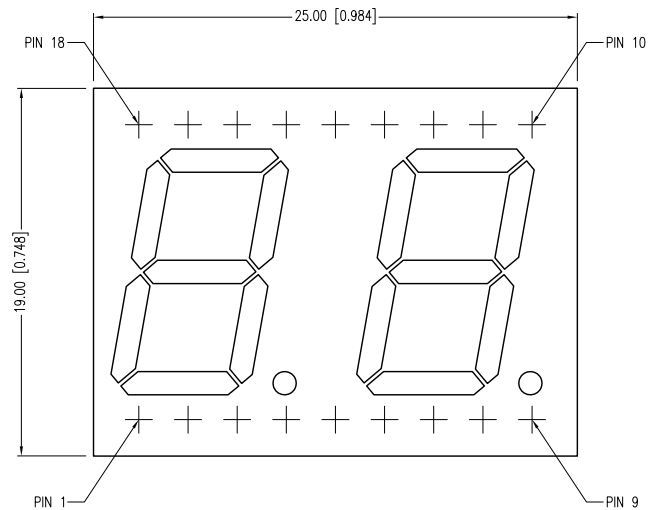




PART NUMBER	LDD-A5002R1	REV.	B
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
04.27.07	E.C.N. #11148.		A
06.14.12	E.C.N. #10BRDR. & REDRAWN.		B

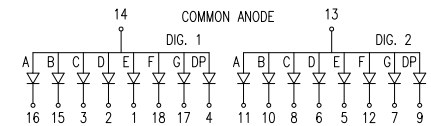
ELECTRO-OPTICAL CHARACTERISTICS Ta=25°C If=10mA

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		565		nm	
FORWARD VOLTAGE		2.2	2.6	Vf	
REVERSE VOLTAGE	5.0			Vr	Ir=100µA
AXIAL INTENSITY		3900		mcd	If=10mA
EMITTED COLOR:	GREEN				
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	105	mW
DERATE FROM 25°C	-1.2	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<10µs



REPLACES PART #: LDD-A502R1

 290 E. HELEN ROAD PALATINE, IL 60067-6976 PHONE: +1.847.359.2790 FAX: +1.847.359.6538 WEB: WWW.LUMEX.COM MEMBER OF ITW PHOTONICS GROUP	0.50" 7 SGMT, 2 DIGIT DISPLAY, 565nm GREEN CHIPS, GRAY FACE WHITE SGMTS, CA, RIGHT DECIMAL PLACES.	DATE: 06.14.12 PAGE: 1 OF 1 SCALE: NTS UNIT: mm [INCH]	DRAWN BY: AB CHKD BY: SS APRVD BY: SS Ⓢ

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

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