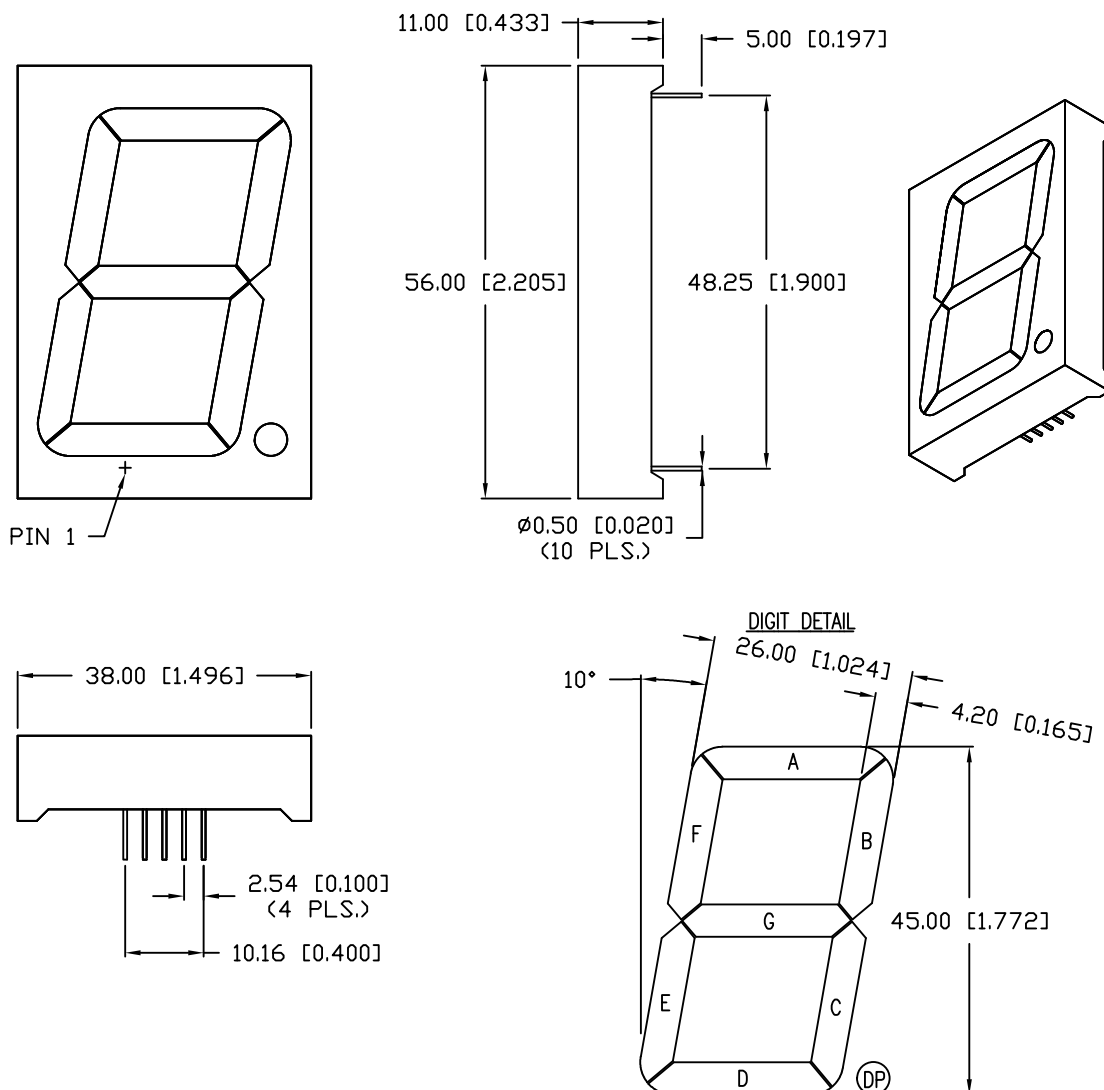



ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^{\circ}\text{C}$

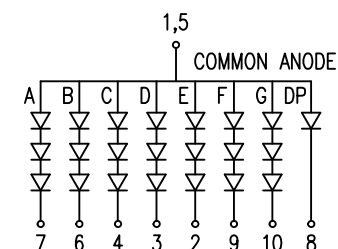
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
CIE COORDINATE X	0.2653	0.2711	0.2769		
CIE COORDINATE Y	0.2506	0.2675	0.2844	nm	$I_f=20\text{mA}$
FORWARD VOLTAGE		3.2	3.6	V_f	$I_f=20\text{mA}$
REVERSE VOLTAGE PER SEGMENT/DP			15/5	V_r	$I_r=100\mu\text{A}$
LUMINOUS INTENSITY	600	750	900	mcd	$I_f=10\text{mA}$
EMITTED COLOR:	WHITE				
FACE COLOR:	GRAY				
SEGMENT COLOR:	MILKY				

LIMITS OF SAFE OPERATION AT 25°C PER DICE

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	100	mA
FORWARD CURRENT	25	mA
POWER DISSIPATION SEGMENT/DP	270/90	mW
OPERATING, STORAGE TEMP.	-40 TO +105	$^{\circ}\text{C}$
SOLDERING TEMP.**	MAX. 3SEC.@260	$^{\circ}\text{C}$

*T<10 μs

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

REV.

PART NUMBER

LDS-AA18RIW/LT

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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.

LUMEX
Creating LED and LCD Solutions Together™

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WHITE CHIPS, GRAY FACE WITH WHITE SEGMENTS,
COMMON ANODE, RIGHT DECIMAL PLACE.

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J.C.	G.Y.	R.C.	PAGE: 1 OF 1
			SCALE: N/A