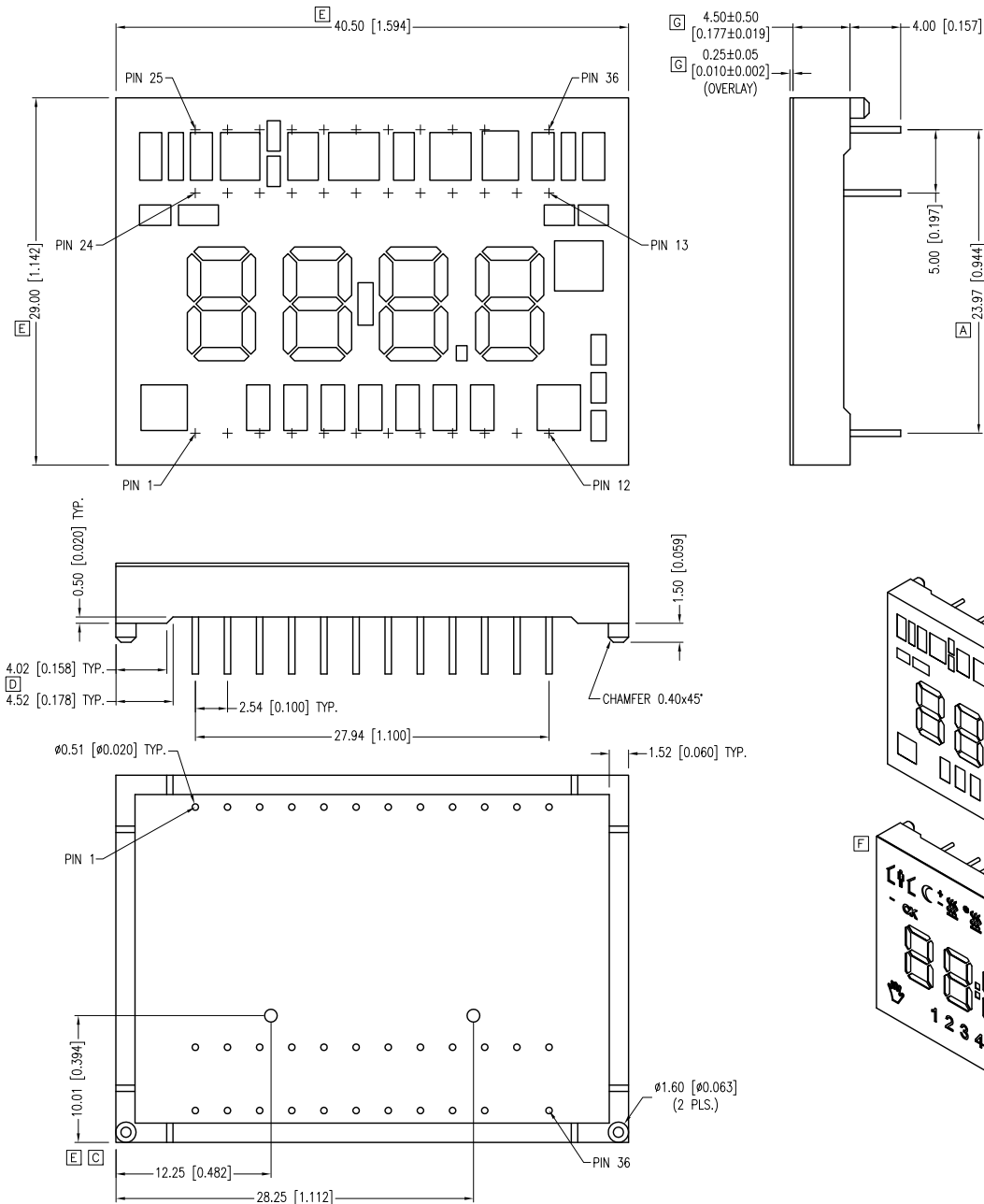




PART NUMBER	LDP-N4919ND-UW	REV.	G
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
12.21.07	E.C.N. #11464.		A
02.14.08	E.C.N. #11473.		B
02.27.08	E.C.N. #11480.		C
03.03.08	E.C.N. #11481.		D
06.25.08	E.C.N. #11513.		E
05.11.12	E.C.N. #11822 & #10BRDR. & REDRAWN.		F
04.15.13	E.C.N. #11857.		G

ELECTRO-OPTICAL CHARACTERISTICS Ta=25°C If=10mA PER DIE					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		-		nm	
FORWARD VOLTAGE		3.4	4.0	Vf	
REVERSE VOLTAGE	5.0			Vr	If=100μA
AXIAL INTENSITY		TBA		μcd	If=10mA
EMITTED COLOR:	WHITE				
FACE COLOR:	BLACK				
SEGMENT COLOR:	MILKY WHITE DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C PER DIE		
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	80	mA
STEADY CURRENT	20	mA
POWER DISSIPATION	105	mW
DERATE FROM 25°C	-1.2	mW/°C
OPERATING TEMP.	-25 TO +85	°C
STORAGE TEMP.	-25 TO +85	°C
SOLDERING TEMP.	+260	°C
2.0mm FROM BODY	3	SEC.

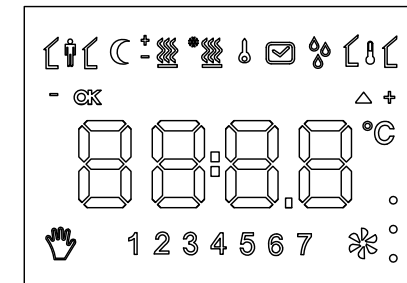
* t<10μs

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

F NOTES:

- OVERLAY: LXP-OL4919ND, BLACK MATTE FINISH, CLEAR SEGMENTS.

F OVERLAY:



*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= +DECIMAL PRECISION -0.00

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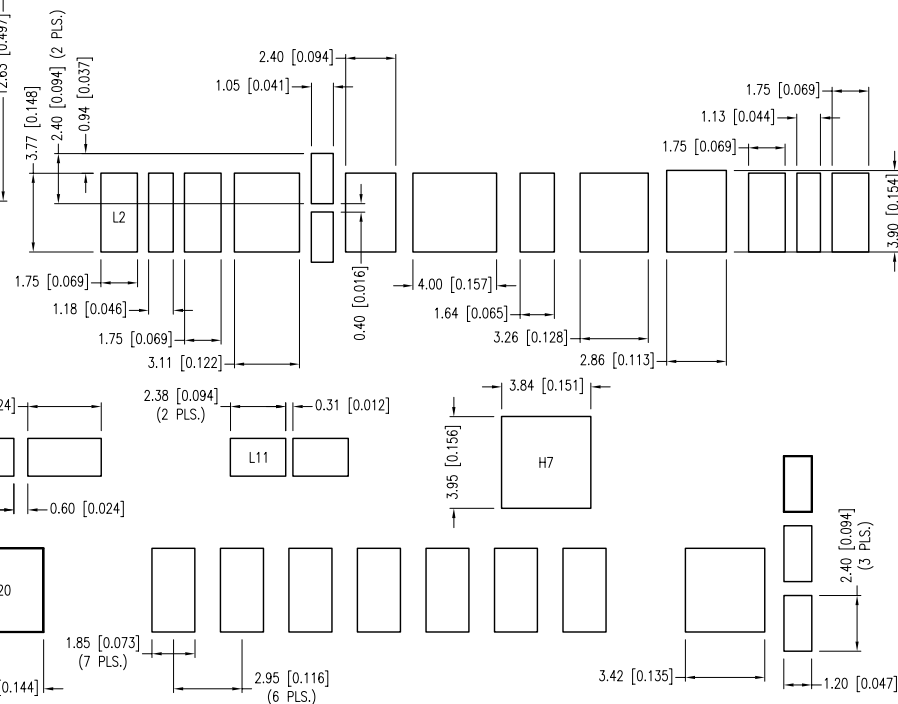
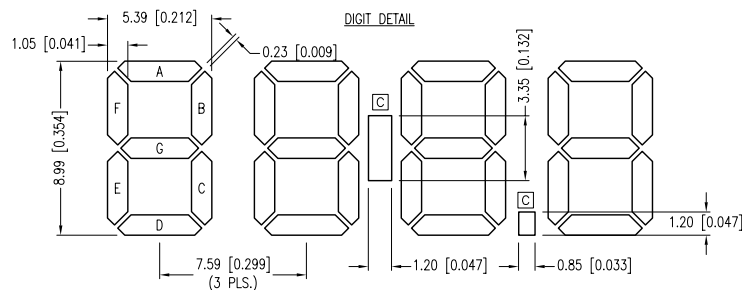
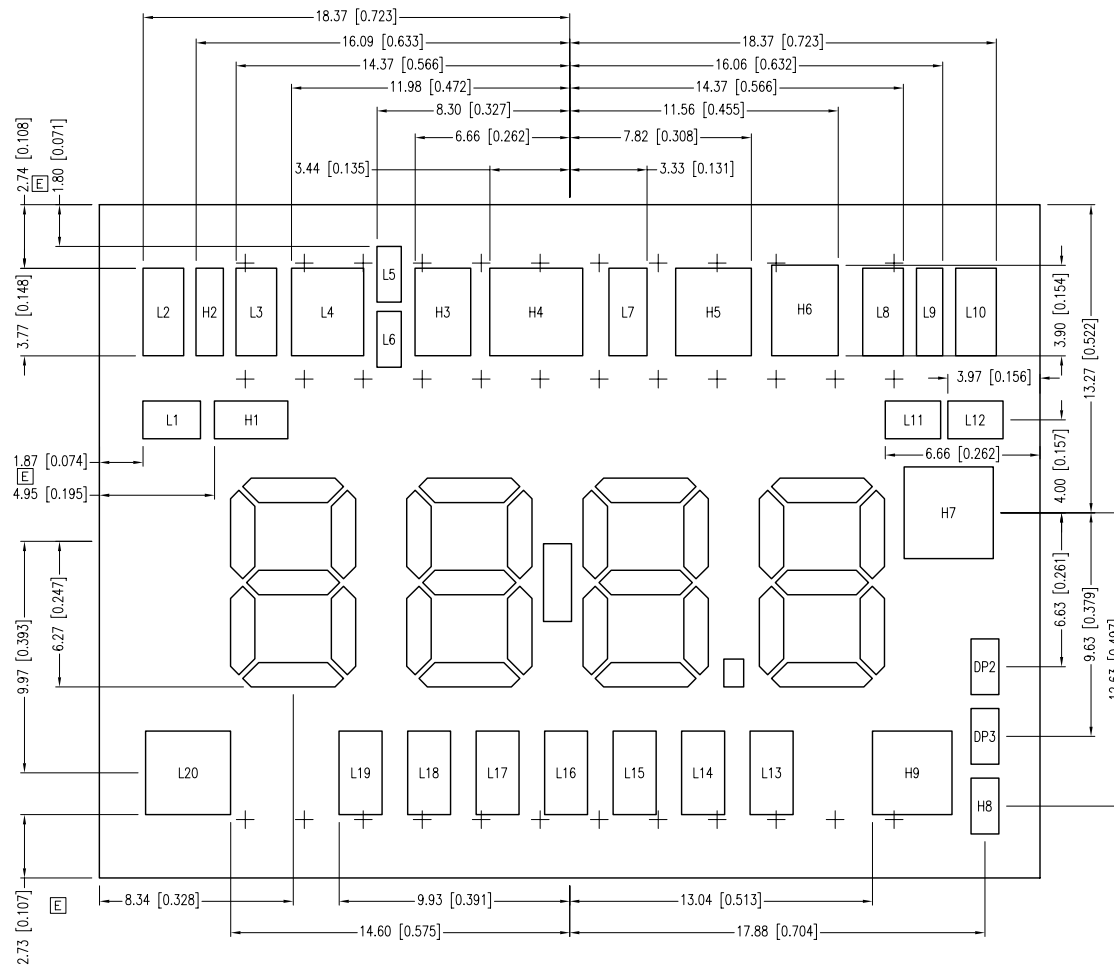
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MEMBER OF ITW PHOTONICS GROUP

CUSTOM LED DISPLAY, WHITE SEGMENTS, BLACK OVERLAY.

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

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DATE:	05.11.12	DRAWN BY:	AB
PAGE:	1 OF 3	CHKD BY:	KF
SCALE:	NTS	APRVD BY:	KF
UNIT:	mm [INCH]		Ⓢ



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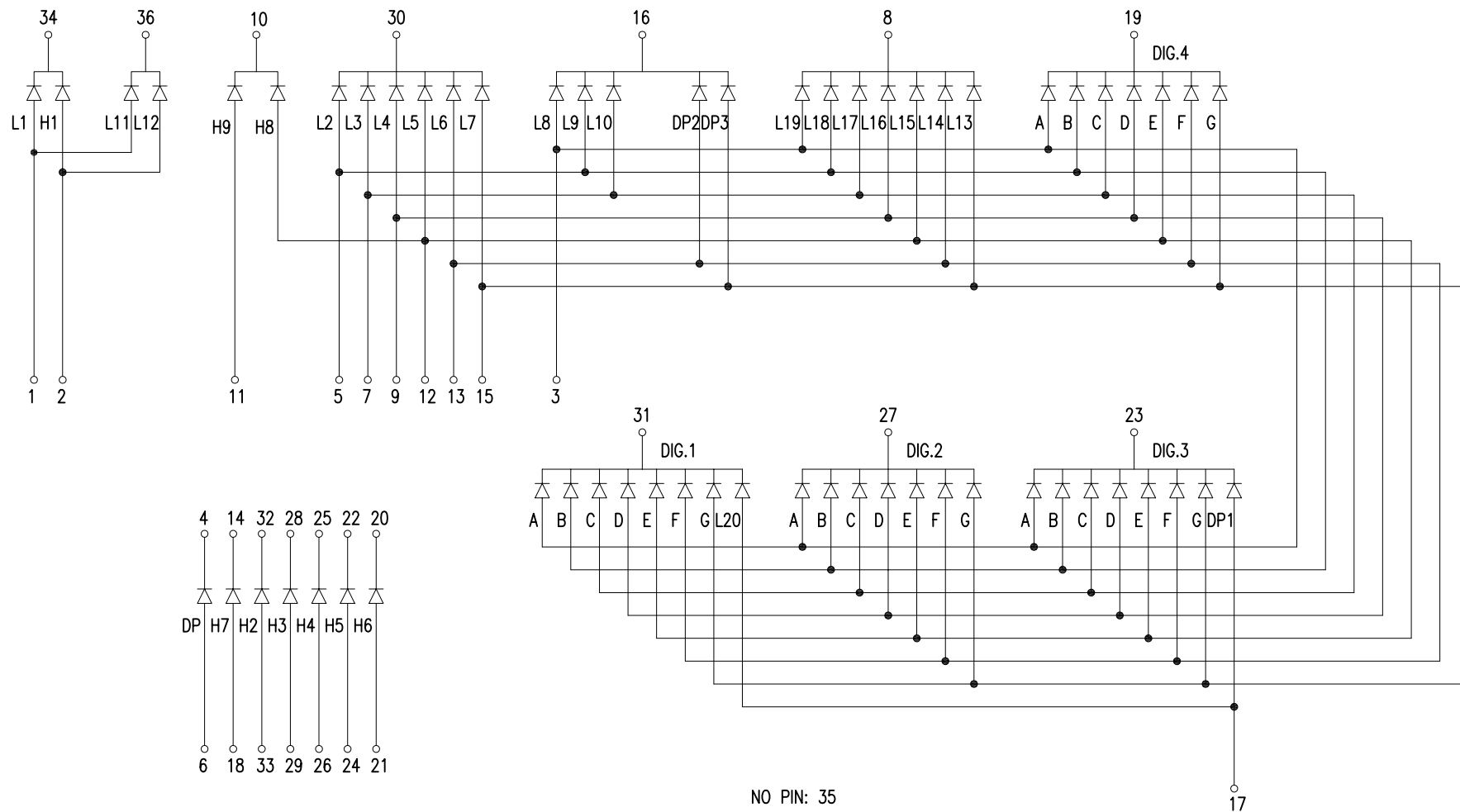
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