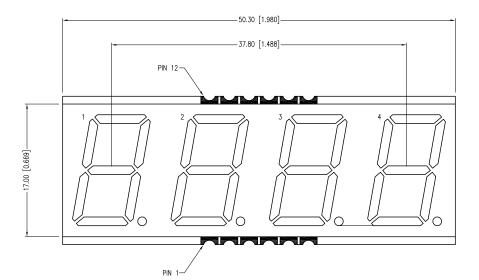
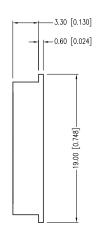
LDQ-SMM5617RI-USB

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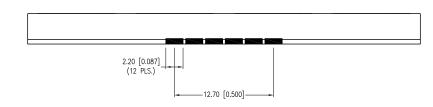


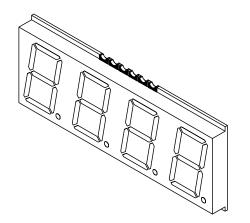


ELECTRO-OPTICAL CHA	RACTERISTIC	S T _A =25°C	$I_f = 10 \text{mA}$		
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		462.5		nm	
FORWARD VOLTAGE		3.2	3.6	V_{f}	I _f =20mA
REVERSE VOLTAGE	5.0			uA	V _R =5V
LUMINOUS INTENSITY		6000		ucd	I _f =10mA
EMITTED COLOR:	BLUE				
FACE COLOR:	GRAY				
SEGMENT COLOR:	MILKY V	HITE DIFFUS	ED		

LIMITS OF SAFE OPERATION AT 25°C	PER CHIP	
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	100	mA
STEADY CURRENT	25	mA
POWER DISSIPATION	90	mW
DERATE FROM 25°C	0.26	mA/*C
OPERATING TEMP.	-40 TO +85	•c
STORAGE TEMP.	-40 TO +85	·c
* +<10C		

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=±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= $^{+DECIMAL}_{-0.00}$ PRECISION MAX.= $^{+0.00}_{-0.00}$ MAX.= $^{+0.00}_{-0.00}$ PRECISION ARE: X=±1 (±0.039), X.XX=±0.5 (±0.020), X.XX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD SIZE=±0.05 (±0.002), LEAD SIZE=±0.05 (±0.003). MIN= $^{+DECIMAL}_{-0.00}$ PRECISION MAX.= $^{+0.00}_{-0.00}$ MAX.= $^{+0.00}_{-0.00}$ UNCONTROLLED DOCUMENT



290 E. HELEN ROAD PALATINE, IL 60067-6976 PHONE: +1.847.359.2790 FAX: +1.847.359.6538

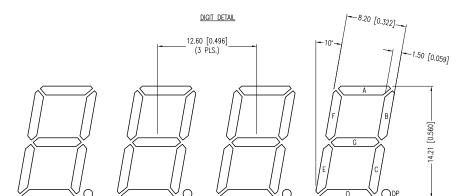
4 DIGITS 7 SEGMENTS SURFACE MOUNT LED DISPLAY BLUE, GRAY FACE, WHITE SEGMENTS

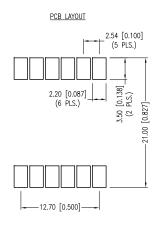
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DATE: 02.25.13 DRAWN BY: MA PAGE: 1 OF 2 CHKD BY: KF SCALE: NTS APRVD BY: UNIT: mm [INCH]

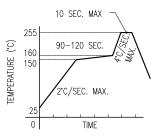
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POLARITY DIAGRAM DIG.1 DIG.3 DIG.4 A B C D E F G DP 11 7 4 2 1 10 5 3

LEAD FREE REFLOW PROFILE



TOTAL TIME ABOVE 220°C IS 60 SECONDS MAX.

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

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4 DIGITS 7 SEGMENTS SURFACE MOUNT LED DISPLAY BLUE, GRAY FACE, WHITE SEGMENTS.

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