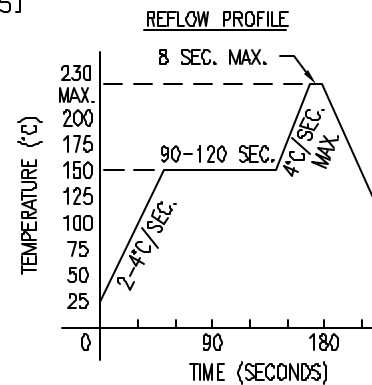
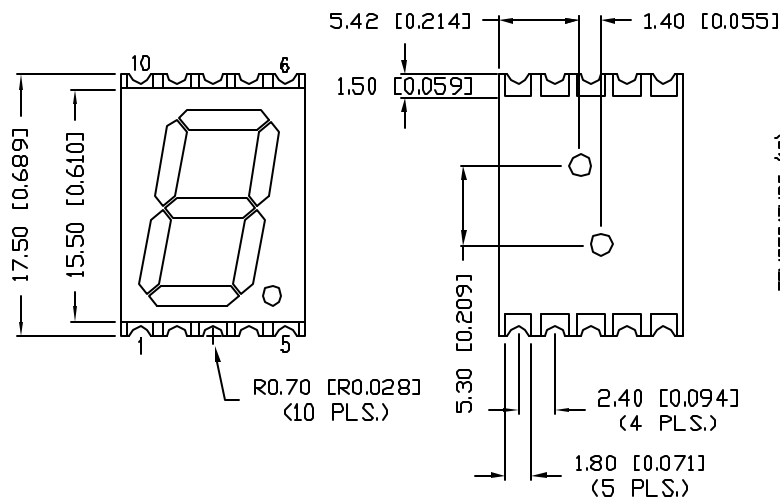
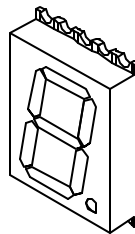
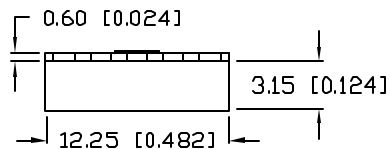


ELECTRO-OPTICAL CHARACTERISTICS $T = 25^{\circ}\text{C}$ $I = 20\text{mA}$

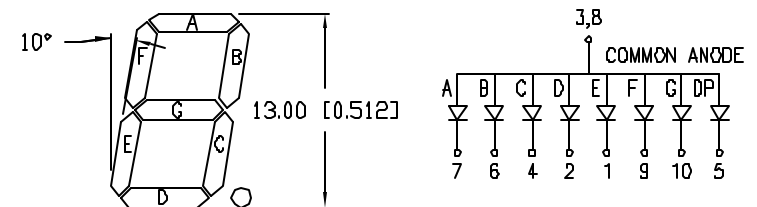
PARAMETER	MIN	TYP	MAX	
PEAK WAVELENGTH		635		
FORWARD VOLTAGE		2.1	2.4	V_f
REVERSE VOLTAGE			5.0	V_r
LUMINOUS INTENSITY		13,000		ucd
EMITTED COLOR:	RED			$I_r = 10\text{uA}$
FACE COLOR:	GRAY			$I_f = 10\text{mA}$
SEGMENT COLOR:	MILKY WHITE DIFFUSED			

LIMITS OF SAFE OPERATION AT 25°C PER CHIP

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	160	mA
STEADY CURRENT	25	mA
POWER DISSIPATION	105	mW
DERATE FROM 25°C	-1.2	mW/ $^{\circ}\text{C}$
OPERATING, STORAGE TEMP.	-40 TO +105	$^{\circ}\text{C}$

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

DIGIT DETAIL



*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: $X = \pm 1$ (± 0.039), $XX = \pm 0.5$ (± 0.020), $XXX = \pm 0.25$ (± 0.010), $XXXX = \pm 0.127$ (± 0.005). LEAD SIZE = ± 0.05 (± 0.002), LEAD LENGTH = ± 0.75 (± 0.030), MIN = $\frac{+0.00}{-0.00}$ DECIMAL PRECISION, MAX = $\frac{+0.00}{-0.00}$ DECIMAL PRECISION.

REV.

PART NUMBER

LDS-SMA511S4RI-TR

13mm 7 SEGMENT SURFACE MOUNT DISPLAY,
635nm HIGH INTENSITY RED CHIPS, WHITE SEGMENTS,
COMMON ANODE, TAPE AND REEL.

CONFIDENTIAL INFORMATION

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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.



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SCALE: N/A