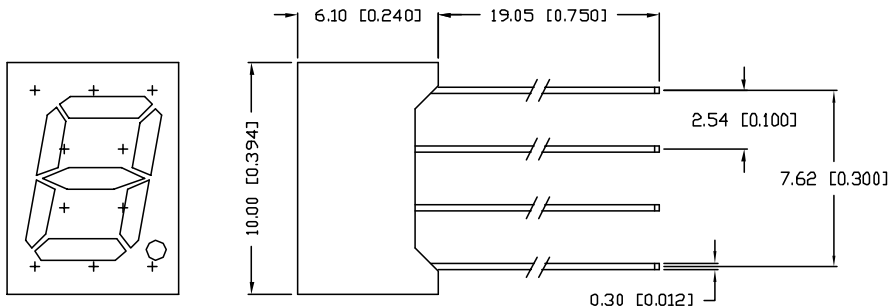


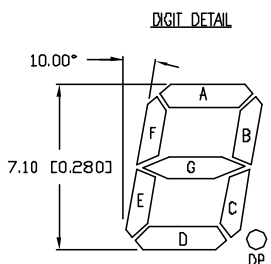
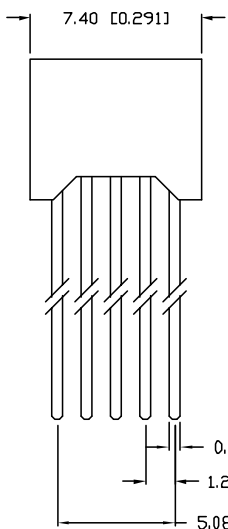
UNCONTROLLED DOCUMENT

PART NUMBER		REV.
LDS-A2804RI-750		
REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE



ELECTRO-OPTICAL CHARACTERISTICS  $T_A=25^{\circ}\text{C}$   $I_f=10\text{mA}$

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		635 (RED)		nm	
FORWARD VOLTAGE		2.0	2.5	$V_f$	
REVERSE VOLTAGE	5.0			$V_r$	$I_f=100\mu\text{A}$
AXIAL INTENSITY		5600		$\mu\text{cd}$	$I_f=10\text{mA}$
EMITTED COLOR:	RED				
FACE COLOR:	GRAY				
SEGMENT COLOR:	MILKY WHITE DIFFUSED				



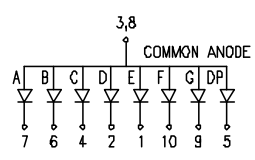
PIN-OUT (TOP VIEW)

10	8	6
+	+	+
9	7	
+	+	
2	4	
+	+	
1	3	5
+	+	+

LIMITS OF SAFE OPERATION AT 25°C PER CHIP

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	105	mW
DERATE FROM 25°C	-1.2	mW/°C
OPERATING, STORAGE TEMP.	-30 TO +85	°C
SOLDERING TEMP.	+260	°C
2.0mm FROM BODY		3 SEC. MAX

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



UNCONTROLLED DOCUMENT  
\*UNLESS OTHERWISE SPECIFIED TOLERANCE IS  $\pm 0.25\text{mm}$  ( $\pm 0.010$ )

REV.	PART NUMBER
	LDS-A2804RI-750

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0.28" SINGLE DIGIT, SEVEN SEGMENT DISPLAY, 635nm RED, GRAY FONT, MILKY WHITE SEGMENTS, COMMON ANODE.

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.

DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE: 11-16-99
VA/DU			PAGE: 1 OF 1 SCALE: N/A