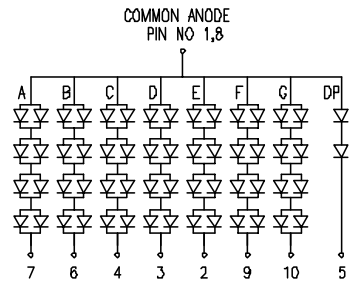
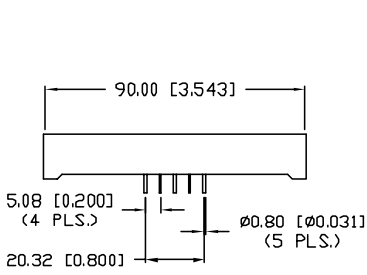
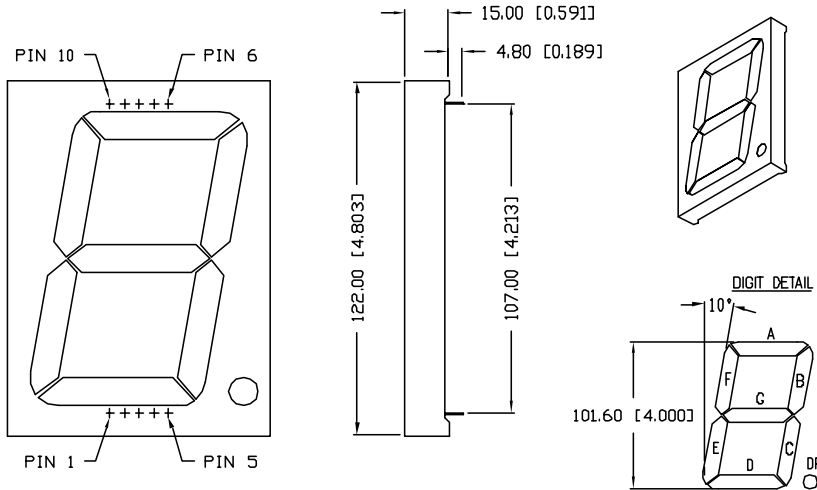


UNCONTROLLED DOCUMENT

PART NUMBER  
LDS-AA402RI-SUG

REV.



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

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		574		nm	
FORWARD VOLTAGE *		8.8/4.4	10.4/5.2	$V_f$	
REVERSE VOLTAGE	5.0			$V_r$	$I_f=100\mu\text{A}$
AXIAL INTENSITY		10000		$\mu\text{cd}$	$I_f=10\text{mA}$
EMITTED COLOR:	GREEN				
FACE COLOR:	GRAY				
SEGMENT COLOR:	MILKY WHITE DIFFUSED				

\* SECOND VALUE FOR TWO CHIPS IN DECIMAL POINT.

LIMITS OF SAFE OPERATION AT 25°C PER DIE

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	25	mA
POWER DISSIPATION	105	mW
DERATE FROM 25°C	-1.2	mW/°C
OPERATING, STORAGE TEMP.	-20 TO +80	°C
SOLDERING TEMP.	+260	°C
2.0mm FROM BODY		3 SEC. MAX

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

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

UNCONTROLLED DOCUMENT

REV.	PART NUMBER LDS-AA402RI-SUG
4.0" SINGLE DIGIT, SEVEN SEGMENT LED DISPLAY, 574nm GREEN CHIPS, GRAY FACE WITH WHITE SEGMENTS, COMMON ANODE 10 PINS.	

**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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