Excellent Integrated System Limited

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

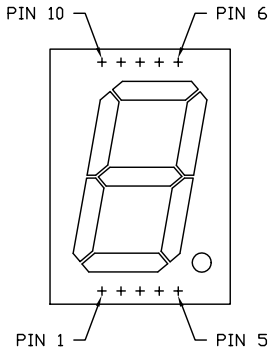
Lumex, Inc.
LDS-AA16RI

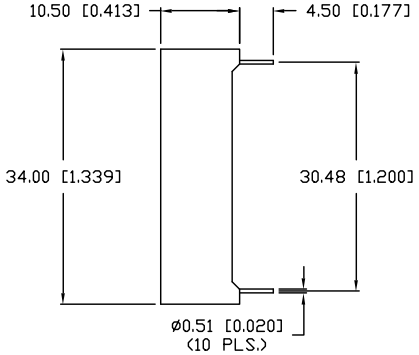
For any questions, you can email us directly:
sales@integrated-circuit.com

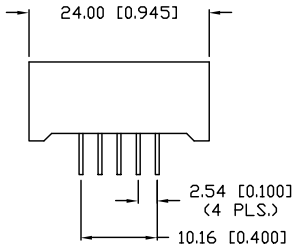
Distributor of Lumex, Inc.: Excellent Integrated System Limited
Datasheet of LDS-AA16RI - LED 7SEG 1" SGL 660NM SRED CA
Contact us: sales@integrated-circuit.com Website: www.integrated-circuit.com

UNCONTROLLED DOCUMENT

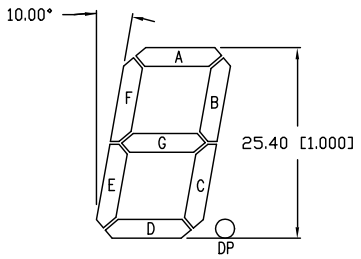
PART NUMBER	REV.
LDS–AA16RI	







CHARACTER DETAIL



ELECTRO–OPTICAL CHARACTERISTICS T_A=25°C I_f=10mA

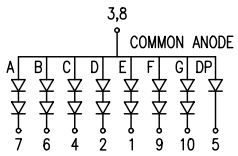
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		660 (RED)		nm	
FORWARD VOLTAGE *		3.4/1.7	4.6/2.3	V_f	
REVERSE VOLTAGE	4.0			V_r	I_r=100µA
AXIAL INTENSITY		20000		µcd	I_f=10mA
EMITTED COLOR:	RED				
FACE COLOR:	GRAY				
SEGMENT COLOR:	MILKY WHITE DIFFUSED				

* SECOND VALUE FOR SINGLE CHIP IN DECIMAL POINT.

LIMITS OF SAFE OPERATION AT 25°C PER CHIP

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	100	mW
DERATE FROM 25°C	– 1.2	mW/°C
OPERATING, STORAGE TEMP.	– 40 TO + 85	°C
SOLDERING TEMP.	+ 260	°C
2.0mm FROM BODY		3 SEC. MAX

* t<10µS



UNCONTROLLED DOCUMENT

*TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.25 (±0.010). LEAD LENGTH=±0.75 (±0.030). MIN= +DECIMAL PRECISION −0.00 MAX.= +0.00 −DECIMAL PRECISION

REV.	PART NUMBER
	LDS–AA16RI

1.0" SEVEN SEGMENT SINGLE DIGIT DISPLAY,
660nm RED CHIPS, GRAY FACE WITH WHITE SEGMENTS,
COMMON ANODE, RIGHT DECIMAL POINT.

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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