Excellent Integrated System Limited

Stocking Distributor

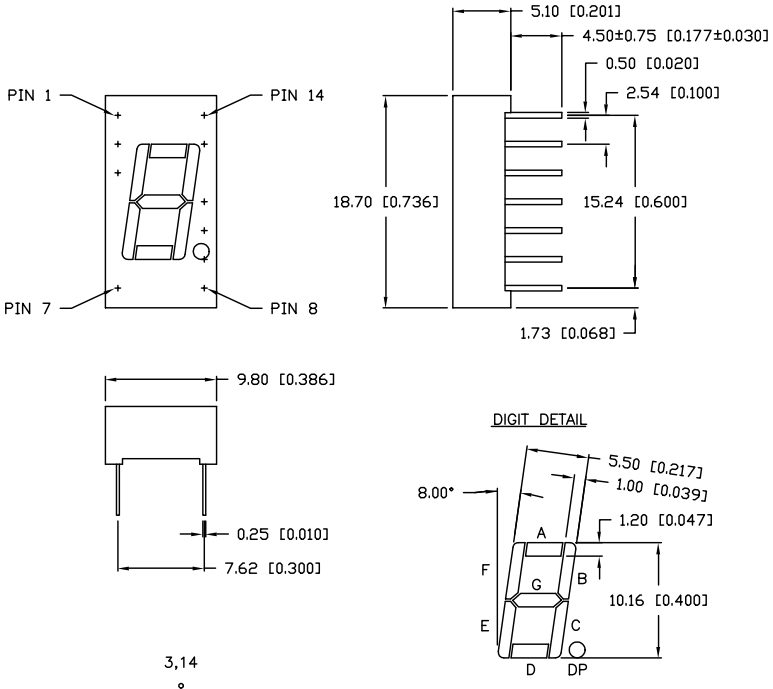
Click to view price, real time Inventory, Delivery & Lifecycle Information:

Lumex, Inc.
LDS-A402RI

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

DATE	REVISIONS	REV
3-17-98	E.C.N. #10BRDR. & REDRAWN./	A

DRAWING NUMBER LDS-A402RI REV A



UNLESS OTHERWISE SPECIFIED TOLERANCE IS ±.25mm (±0.010")

DU

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

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		565 (GREEN)		nm	
FORWARD VOLTAGE		2.2	2.6	V_f	
REVERSE VOLTAGE	5.0			V_r	I_r=100µA
AXIAL INTENSITY		2800		µcd	I_f=10mA
EMITTED COLOR:	GREEN				
FONT COLOR:	GREY				
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/°C
OPERATING, STORAGE TEMP.	-40 TO +85	°C
SOLDERING TEMP.	+260	°C
2.0mm FROM BODY		3 SEC. MAX

* t<10µS

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.

Ⓐ

LUMEX INCORPORATED
290 E. HELLEN ROAD
PALATINE, ILLINOIS 60067
(847) 359-2790

DATE: 5-3-95	DWN:	CHK'D:	APPD:
SCALE: N/A			

0.4" SINGLE DIGIT SEVEN SEGMENT DISPLAY, GREEN, GREY FONT/WHITE SEGMENTS, COMMON ANODE.

PAGE 1 OF 1 | DRAWING NUMBER LDS-A402RI | REV A