Α

DATE 4-22-98

E.C.N. #10BRDR. & REDRAWN./

REVISIONS

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

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH FORWARD VOLTAGE* REVERSE VOLTAGE AXIAL INTENSITY EMITTED COLOR: FONT COLOR: SEGMENT COLOR:	5.0 RED GREY MILKY	635 (RED) 4.0/2.0 9800 WHITE DIFFUSI	5.0/2.5 ED	nm Vf Vr µcd	I _r =100μΑ I _f =10mA

* SECOND VALUE FOR SINGLE CHIP IN DECIMAL POINT.

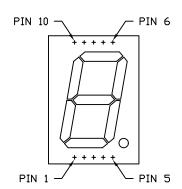
LIMITS OF SAFE OPERATION AT 25°C PER CHIP

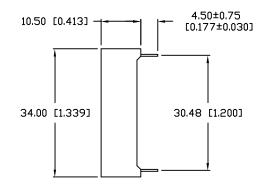
PARAMETER	MAX	UNITS	
PEAK FORWARD CURRENT* STEADY CURRENT POWER DISSIPATION DERATE FROM 25°C OPERATING, STORAGE TEMP. SOLDERING TEMP. 2.0mm FROM BODY	150 30 105 -1.2 -20 TO +80 +260	mA mA mW mW/*C *C *C 3 SEC. MAX	

OUR MANY YEARS OF EXPERIENCE DATA ACCUMULATION INDICATE THAT SOLDER HEAT IS A MAJOR CAUSE OF EARLY AND FUTURE

* t<10µS

RELIABILITY NOTE

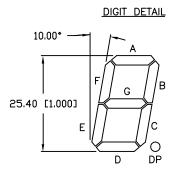




REV

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24.00 [0.945] Ø0.50 [0.020] -2.54 [0.100] 10.16 [0.400]



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

3,8 COMMON ANODE 2 9 10

GREY FONT/WHITE SEGMENTS, COMMON ANODE.

DRAWING NUMBER REV PAGE 1 OF 1 LDS-AA14RI Α

FAILURE. PLEASE PAY ATTENTION TO YOUR SOLDERING PROCESS. INCORPORATED

N/A

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

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SAME IN WHOLE OR IN PART FROM DISCLOSURE AND DISSEMIMATION TO ALL THIRD PARTIES. DWN: CHK'D: APPD: DATE: 6-11-97

1.0" SINGLE DIGIT, SEVEN SEGMENT DISPLAY, 635nm RED,

DU

SCALE: