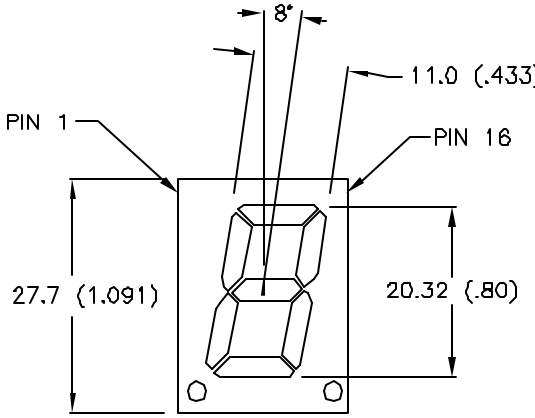
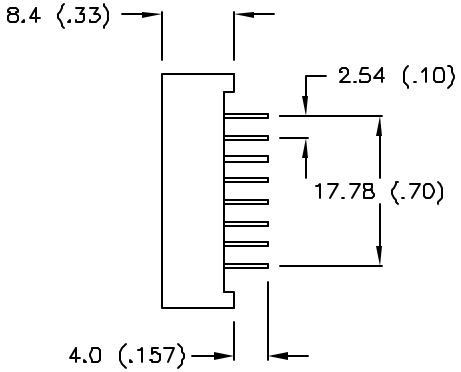
DATE	REVISIONS	REV

DRAWING NUMBER: LDS-C812RI

REV:





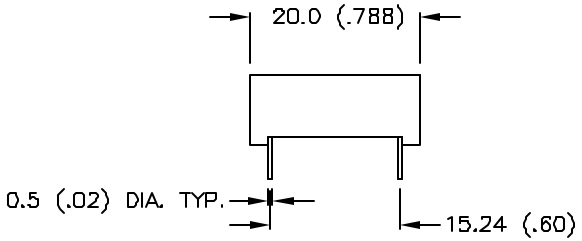
ELECTRO-OPTICAL CHARACTERISTICS T_A=25°C I_f=20mA

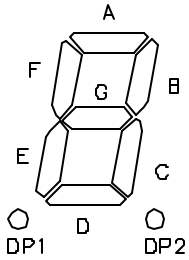
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		565 (GREEN)		nm	
FORWARD VOLTAGE		2.0	2.8	V_f	
REVERSE VOLTAGE	4.0			V_r	I_r=100uA
AXIAL INTENSITY		2500		ucd	I_f=20mA
VIEWING ANGLE				2x theta	
EMITTED COLOR	GREEN				
EPOXY SEGMENT	MILKY WHITE DIFFUSED				
FONT COLOR	GRAY				

LIMITS OF SAFE OPERATION PER SEGMENT AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	25	mA
POWER DISSIPATION	105	mW
DERATE FROM 25°C	-0.8	mW/°C
OPERATING, STORAGE TEMP	-40 TO +85	°C
LEAD SOLDERING TEMP	+260	°C
2.0mm FROM BODY		3 SEC. MAX

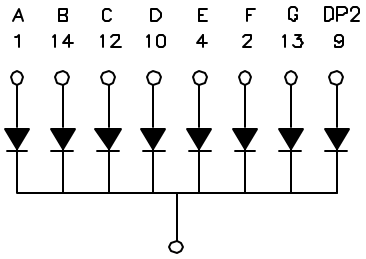
* t<10uS





NOTES:

1. UNITS: mm (INCHES). TOLERANCE: 0.25 (0.01"), UNLESS OTHERWISE SPECIFIED.
2. Iv TESTED CONDITION I_f=10mA AND THE LISTED IV IS THE AVERAGE INTENSITY FOR EVERY SEGMENT LISTED.



3, 5, 11, 16
COMMON CATHODE

PIN 6 (N/C)

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

MS

LUMEX OPTO COMPONENTS INC.

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CONFIDENTIAL INFORMATION
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DATE: 9-21-95	DWN:	CHK'D:	APPD:
SCALE: N/A			

.8" SINGLE DIGIT, SEVEN SEGMENT DISPLAY, GREEN GRAY/WHITE

PAGE 1 OF 1	DRAWING NUMBER: LDS-C812RI	REV