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DATA SHEET

PART NO. : C-398I

REV : ~~A/1~~

CUSTOMER'S APPROVAL : _____

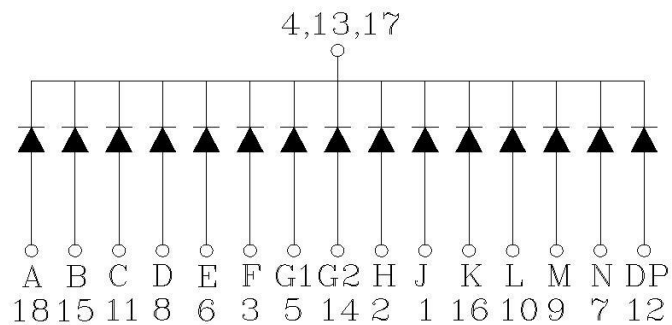
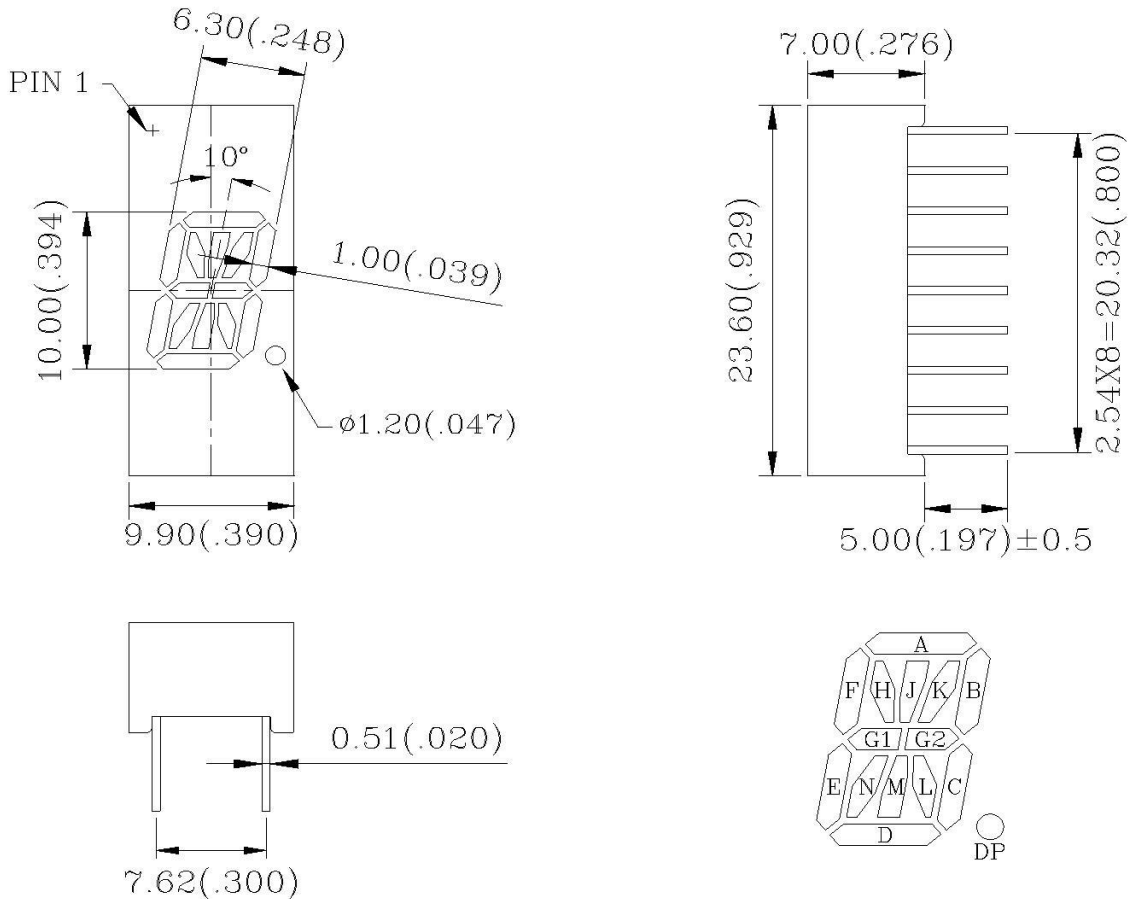
DCC : _____

DRAWING NO. : DS-19-03-0022

DATE : 2003-06-03

Page : 1

PACKAGE DIMENSIONS



NOTES : 1. All dimensions are in millimeters. (inches)
2. Tolerance is $\pm 0.25(0.010)$ unless otherwise specified.



0.39 INCH FOUR DIGITS DISPLAY

C-398I

REV:A / 1

FEATURES

- 10.0mm (0.394 inch) DIGIT HEIGHT
- EXCELLENT CHARACTER APPEARANCE
- COMMON CATHODE
- I.C. COMPATIBLE
- LOW POWER CONSUMPTION

Raw Material : GaAlAs/GaAs

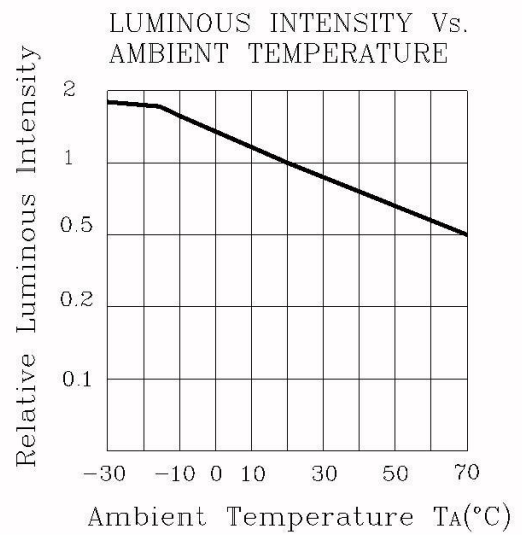
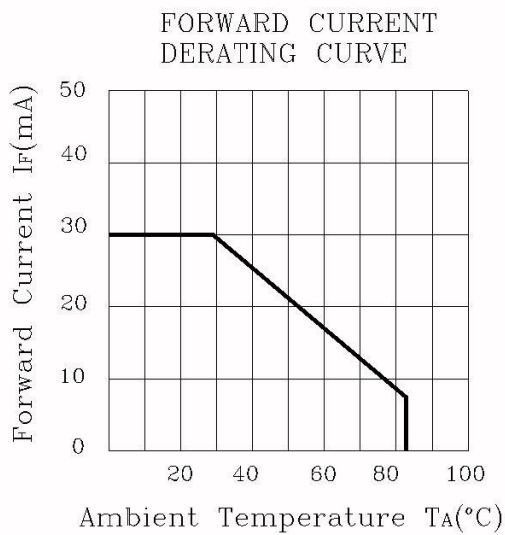
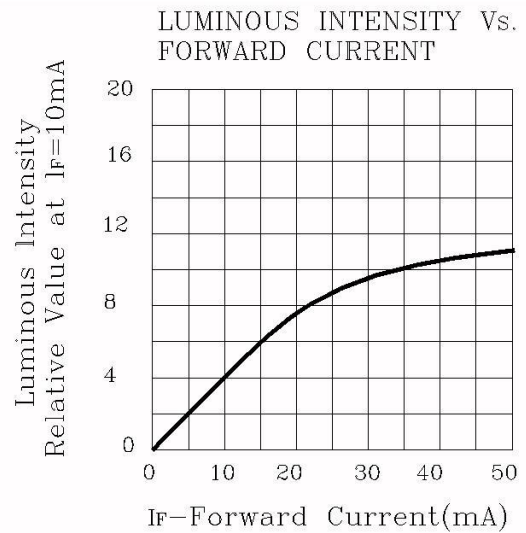
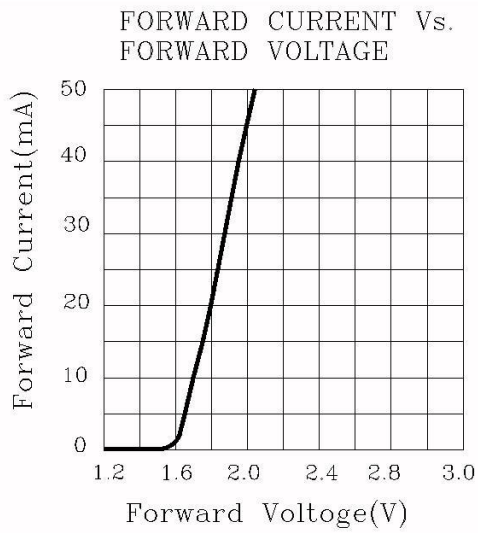
ABSOLUTE MAXIMUM RATING : (Ta = 25°C)

SYMBOL	PARAMETER	SUPER RED	UNIT
PAD	Power Dissipation Per Segment	60	mW
VR	Reverse Voltage Per Segment	5	V
IAF	Continuous Forward Current Per Segment	20	mA
IPF	Peak Forward Current Per Segment (Duty=0.1,1KHz)	100	mA
—	Derating Linear From 25°C Per Segment	0.33	mA/°C
Topr	Operating Temperature Range	-35°C to 85°C	
Tstg	Storage Temperature Range	-35°C to 85°C	

Solder Temperature 1/16 inch Below Seating Plane for 3 Seconds at 230°C

ELECTRO-OPTICAL CHARACTERISTICS : (Ta = 25°C)

SYMBOL	PARAMETER	TEST CONDITION	MIN.	TYP.	MAX.	UNIT
VF	Forward Voltage , Per Segment	IF = 20mA		1.8	2.2	V
IR	Reverse Current , Per Segment	VR = 5V			100	µA
λP	Peak Emission Wavelength	IF = 20mA		660		nm
λD	Dominant Wavelength	IF = 20mA		643		nm
Δλ	Spectral Line Half-Width	IF = 20mA		20		nm
IV	Luminous Intensity Per Segment	IF = 10mA		4		mcd



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