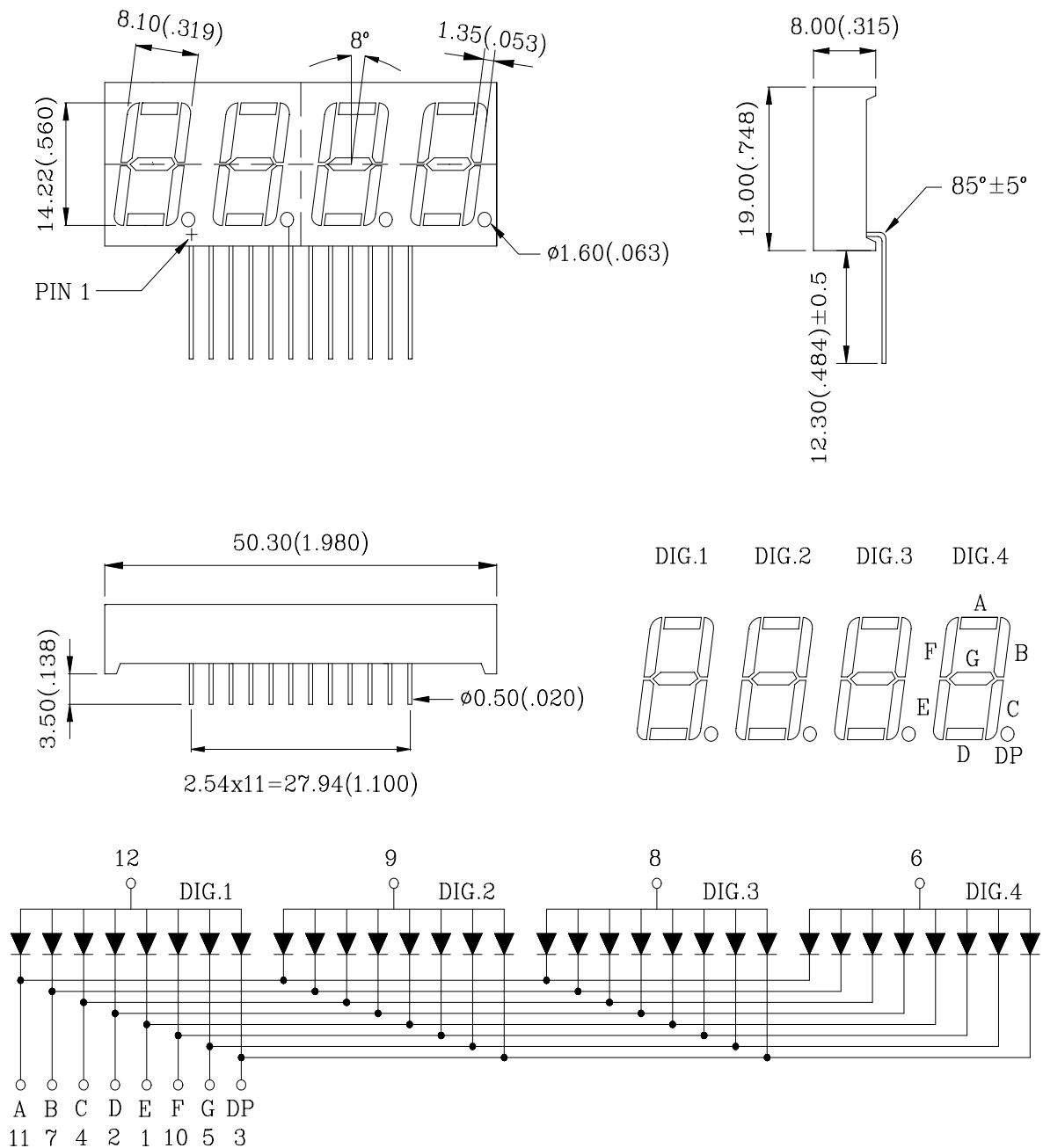


PACKAGE DIMENSIONS



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

FEATURES

- * 14.22mm (0.56 inch) DIGIT HEIGHT
- * EXCELLENT CHARACTER APPEARANCE
- * COMMON ANODE
- * I.C. COMPATIBLE
- * LOW POWER CONSUMPTION

Raw Material : GaAsP/GaP

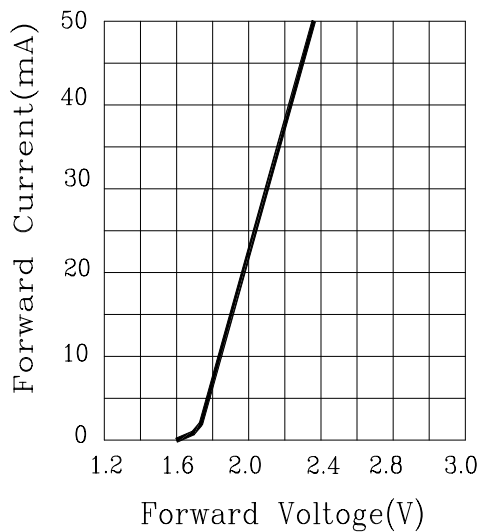
ABSOLUTE MAXIMUM RATING : (Ta = 25°C)

SYMBOL	PARAMETER	HI.EFFI RED	UNIT
PAD	Power Dissipation Per Segment	75	mW
VR	Reverse Voltage Per Segment	5	V
IAF	Continuous Forward Current Per Segment	25	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 250°C			

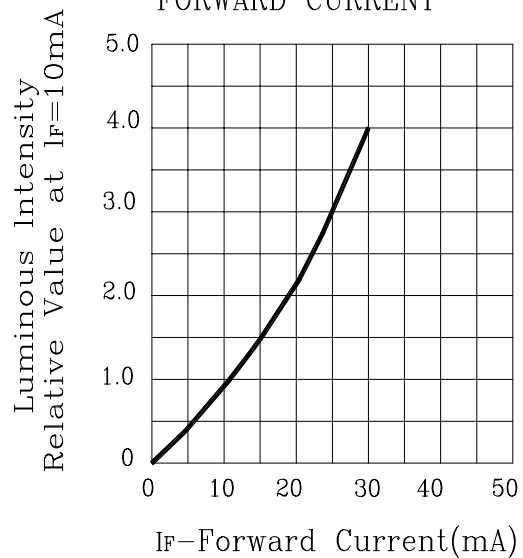
ELECTRO-OPTICAL CHARACTERISTICS : (Ta = 25°C)

SYMBOL	PARAMETER	TEST CONDITION	MIN.	TYP.	MAX.	UNIT
VF	Forward Voltage , Per Segment	IF = 20mA		2.0	2.8	V
IR	Reverse Current , Per Segment	VR = 5V			100	μA
λP	Peak Emission Wavelength	IF = 20mA		632		nm
λD	Dominant Wavelength	IF = 20mA		622		nm
Δλ	Spectral Line Half— Width	IF = 20mA		35		nm
IV	Luminous Intensity Per Segment	IF = 10mA		2.0		mcd

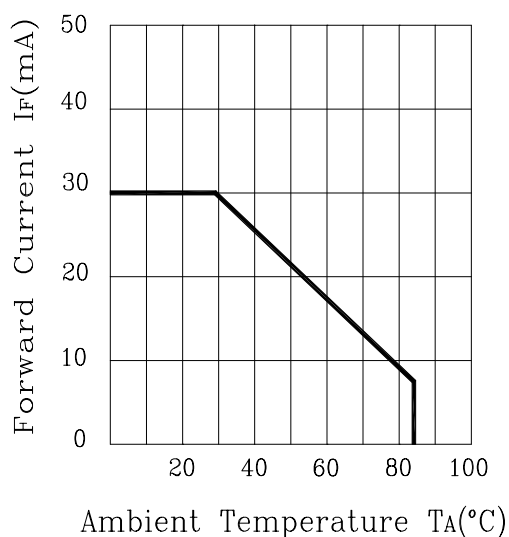
FORWARD CURRENT Vs.
FORWARD VOLTAGE



LUMINOUS INTENSITY Vs.
FORWARD CURRENT



FORWARD CURRENT
DERATING CURVE



LUMINOUS INTENSITY Vs.
AMBIENT TEMPERATURE

