

●COMMODITY : 0.56"(14.22mm) SURFACE MOUNT SINGLE DIGIT LED DISPLAY

●DEVICE NUMBER : BHS-C516RI

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●ELECTRICAL AND OPTICAL CHARACTERISTICS (Ta=25°C)

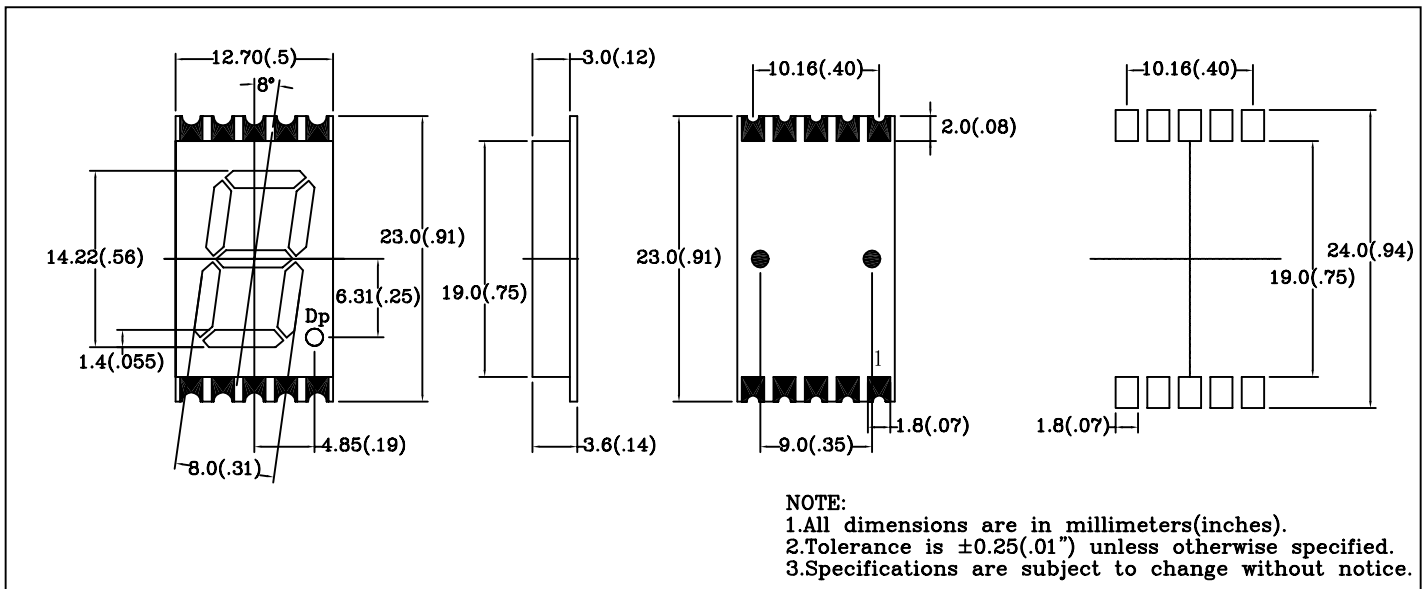
REVISION : 1.1

Chip		Absolute Maximum Rating				Electro-optical Data (At 10mA)			Surface Color	Segment Color
Emitted Color	Dominant Wave Length λ_d (nm)	$\Delta \lambda$ (nm)	Pd (mW)	If (mA)	Peak If(mA)	Vf(V)		Iv Typ. (mcd)		
						Typ.	Max.			
Super Red	643	20	60	30	150	1.7	2.4	3.0	Gray	White

●ABSOLUTE MAXIMUM RATINGS (Ta=25°C)

Reverse Voltage 5V
 Reverse Current ($V_R=5V$) $50\mu A$
 Operating Temperature Range $-40^\circ C \sim 80^\circ C$
 Storage Temperature Range $-40^\circ C \sim 100^\circ C$
 Soldering Temperature..... $235^\circ C$ For 10 Seconds

PACKAGE DIMENSIONS:



PIN FUNCTIONS:

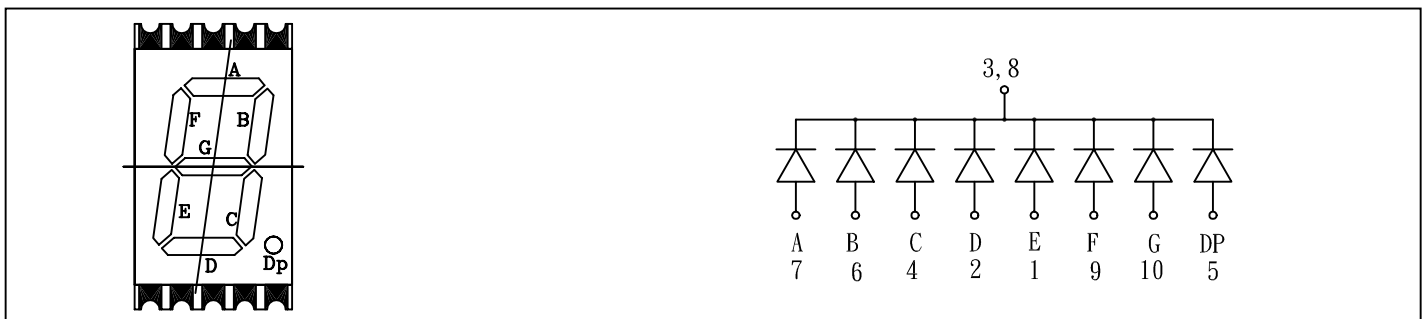


Fig.1 RELATIVE INTENSITY VS. WAVELENGTH

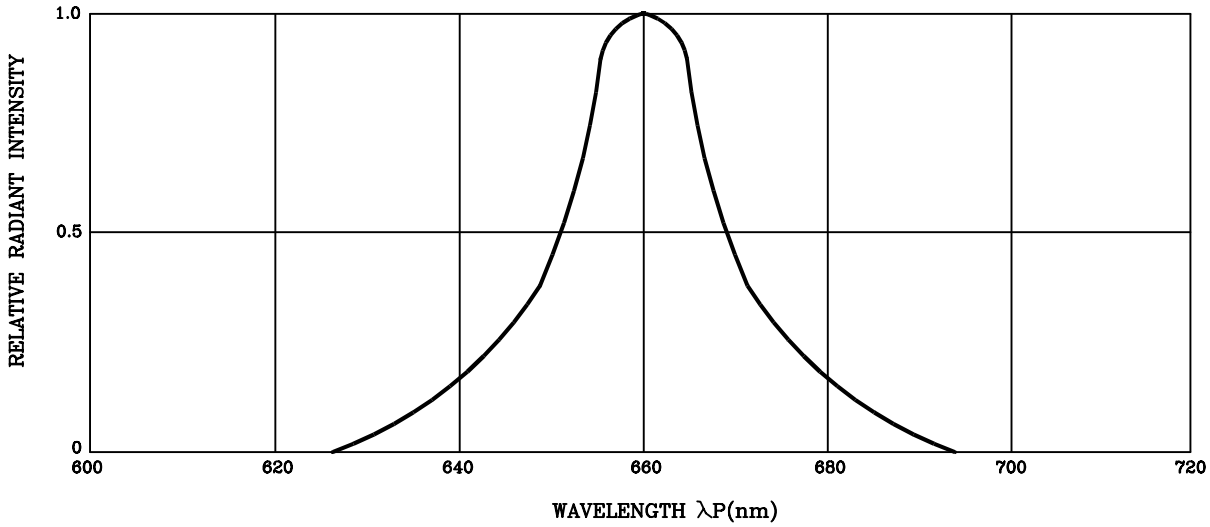


Fig.2 FORWARD CURRENT VS. FORWARD VOLTAGE

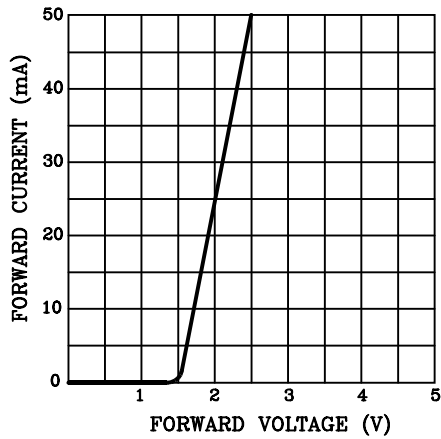


Fig.3 FORWARD CURRENT DERATING CURVE

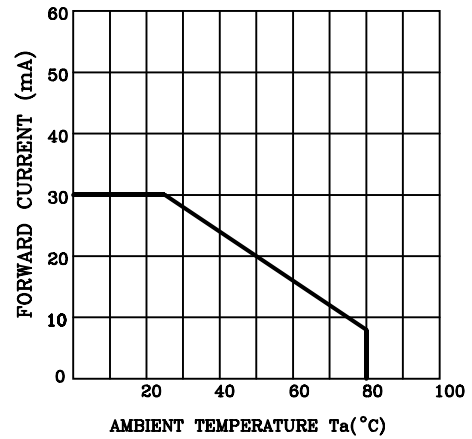


Fig.4 RELATIVE LUMINOUS INTENSITY VS. FORWARD CURRENT

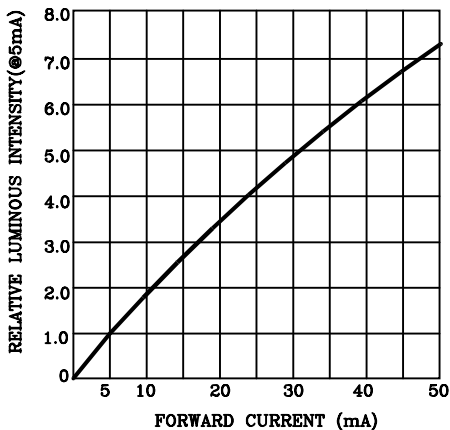


Fig.5 RELATIVE LUMINOUS INTENSITY VS. AMBIENT TEMPERATURE

