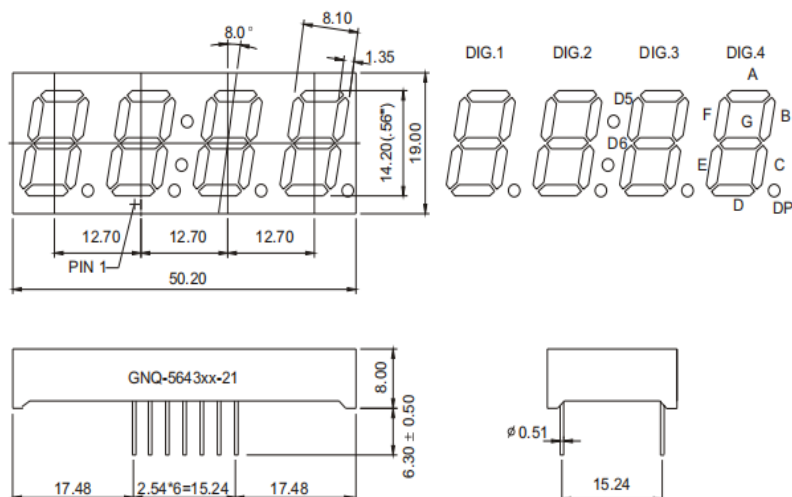


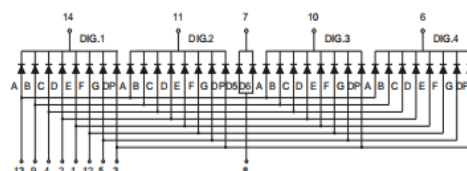
GNQ-5643Cx-Dx (QUAD DIGIT LED DISPLAY)

PACKAGE DIMENSION

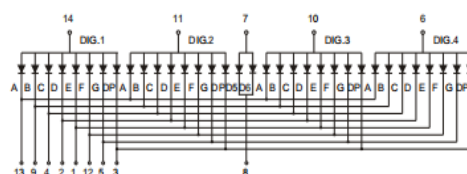


INTERNAL CIRCUIT DIAGRAM

Common Cathode
GNQ-5643Cx



Common Anode
GNQ-5643Dx



Tolerance $\pm 0.25\text{mm}$ unless stated

Features:

*0.56 INCH HIGH CHARACTER.

*EXCELLENT CHARACTER APPEARANCE.

*COMMON CATHODE OR COMMON ANODE.

*I.C. COMPATIBLE.

*LOW POWER CONSUMPTION.

Part Number	EMITTED COLOR		Common Cathode or Common Anode	Peak Wavelength (nm)	Vf (v) Typ	If (mA)	Intensity Per Segment (mcd)	
							Min.	Typ.
GNQ-5643CE	GaAsP/GaP	Hi.effi Red	Common Cathode	635	10-20	20	9	12
GNQ-5643CG	GaP	Green		565	10-20	20	8	11
GNQ-5643CY	GaAsP/GaP	Yellow		585	10-20	20	9	12
GNQ-5643CS	GaAlAs	Super Red		660	10-20	20	10	13
GNQ-5643CD	GaAlAs	Ultra Red		660	10-20	20	25	30
GNQ-5643CUE	AlGaInP	Ultra Red		625	10-20	20	30	35
GNQ-5643CUI	AlGaInP	Ultra Yellow		590	10-20	20	30	35
GNQ-5643DE	GaAsP/GaP	Hi.effi Red	Common Anode	635	10-20	20	9	12
GNQ-5643DG	GaP	Green		565	10-20	20	8	11
GNQ-5643DY	GaAsP/GaP	Yellow		585	10-20	20	9	12
GNQ-5643DS	GaAlAs	Super Red		660	10-20	20	10	13
GNQ-5643DD	GaAlAs	Ultra Red		660	10-20	20	25	30

GNQ-5643DUE	AlGaInP	Ultra Red		625	10-20	20	30	35
GNQ-5643DUY	AlGaInP	Ultra Yellow		590	10-20	20	30	35