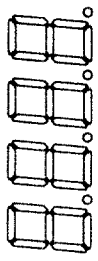
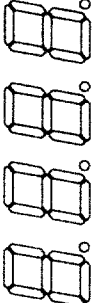

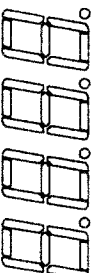


LED DISPLAY

FOUR DIGIT LED DISPLAYS

Digit Size	Part No.		Chip		Absolute Maximum Ratings				Electro-optical Data(At 10mA)		Drawing No.		
			Emitted Color	Peak Wave Length λ_p (nm)	$\Delta\lambda$ (nm)	Pd(mW)	If(mA)	Peak If(mA)	Vf(V)			Iv Typ. Per Seg. (mcd)	
	Common Anode	Common Cathode							Typ.	Max.			
 0.36"	BQ-M321RD	BQ-N321RD	Red	655	40	110	40	200	1.6	2.0	0.3	FD-01	
	BQ-M325RD	BQ-N325RD	Bright Red	700	90	50	15	50	2.1	2.5	0.5		
	BQ-M325RE	BQ-N325RE											
	BQ-M322RD	BQ-N322RD	Green	568	30	100	30	150	2.1	2.5	2.0		
	BQ-M323RD	BQ-N323RD	Yellow	585	35	100	30	150	2.0	2.5	1.5		
	BQ-M324RD	BQ-N324RD	Hi-Eff Red	635	45	100	30	150	1.9	2.5	2.0		
			Orange										
BQ-M326RD	BQ-N326RD	Super Red	660	20	60	20	150	1.7	2.5	3.5			
 0.52"	BQ-M531RD	BQ-N531RD	Red	655	40	100	40	200	1.6	2.0	0.9	FD-02	
	BQ-M535RD	BQ-N535RD	Bright Red	700	90	50	15	50	2.1	2.5	1.2		
	BQ-M535RE	BQ-N535RE											
	BQ-M532RD	BQ-N532RD	Green	568	30	100	30	150	2.1	2.5	2.8		
	BQ-M533RD	BQ-N533RD	Yellow	585	35	100	30	150	2.0	2.5	2.0		
	BQ-M534RD	BQ-N534RD	Hi-Eff Red	635	45	100	30	150	1.9	2.5	2.5		
			Orange										
	BQ-M536RD	BQ-N536RD	Super Red	660	20	60	20	150	1.7	2.5	5.0		
	 0.52"	BQ-A531RD	BQ-C531RD	Red	655	40	100	40	200	1.6	2.0	0.9	FD-03
		BQ-A535RD	BQ-C535RD	Bright Red	700	90	50	15	50	2.1	2.5	1.2	
		BQ-A535RE	BQ-C535RE										
		BQ-A532RD	BQ-C532RD	Green	568	30	100	30	150	2.1	2.5	2.8	
		BQ-A533RD	BQ-C533RD	Yellow	585	35	100	30	150	2.0	2.5	2.0	
BQ-A534RD		BQ-C534RD	Hi-Eff Red	635	45	100	30	150	1.9	2.5	2.5		
			Orange										
BQ-A536RD	BQ-C536RD	Super Red	660	20	60	20	150	1.7	2.5	5.0			
 0.56"	BQ-M511RD	BQ-N511RD	Red	655	40	100	40	200	1.6	2.0	0.9	FD-04	
	BQ-M515RD	BQ-N515RD	Bright Red	700	90	50	15	50	2.1	2.5	1.2		
	BQ-M515RE	BQ-N515RE											
	BQ-M512RD	BQ-N512RD	Green	568	30	100	30	150	2.1	2.5	2.8		
	BQ-M513RD	BQ-N513RD	Yellow	585	35	100	30	150	2.0	2.5	2.0		
	BQ-M514RD	BQ-N514RD	Hi-Eff Red	635	45	100	30	150	1.9	2.5	2.5		
			Orange										
BQ-M516RD	BQ-N516RD	Super Red	660	20	60	20	150	1.7	2.5	5.0			

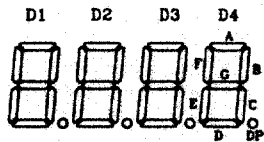
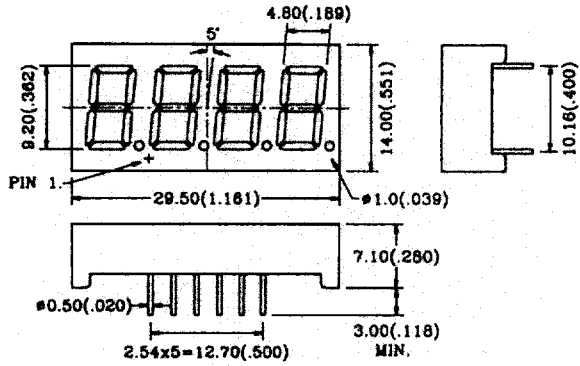
Remark: • The average luminous intensity is obtained by summing the luminous intensity of each segment and dividing by total number of segments.

• Above part numbers are all with black surface and white segment. For part numbers with other surface and segment color combinations, please check the selection guide: Part number system.

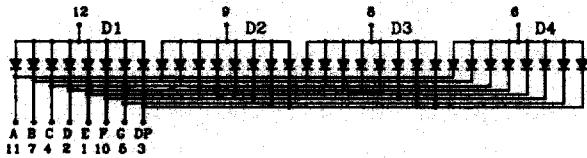
LED DISPLAY

FD-01

BQ-M_N 32xxx Series

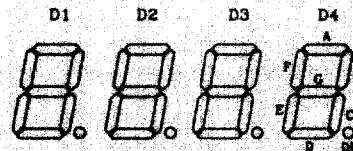
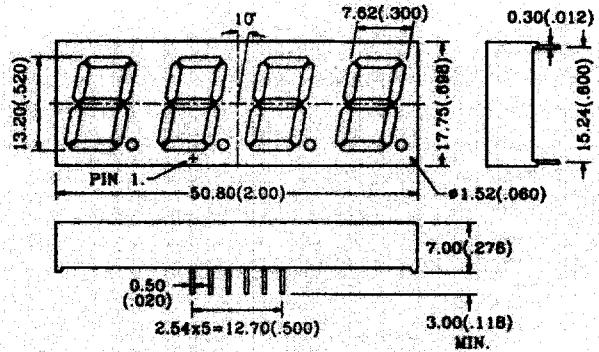


BQ-M32xxx

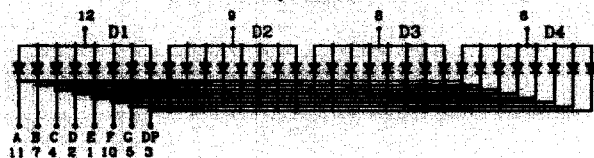


FD-02

BQ-M_N 53xxx Series



BQ-M53xxx

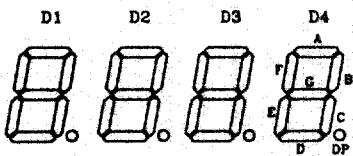
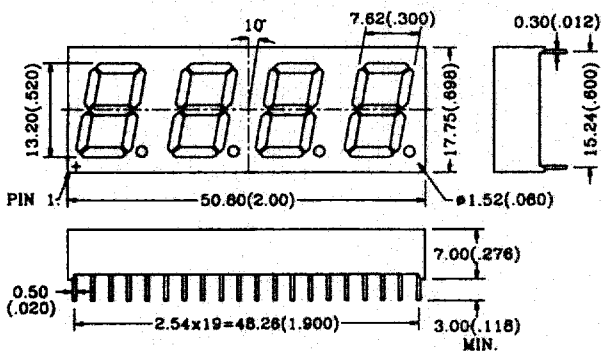


NOTES:

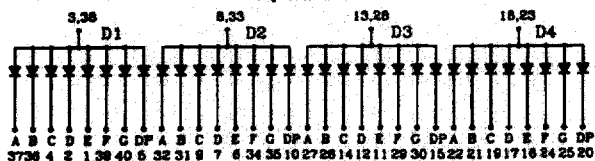
1. All Dimensions are in millimeters (inches).
2. Tolerance is $\pm 0.25\text{mm}$ ($.010'$) unless otherwise specified.
3. Specifications are subject to change without notice.
4. NP: No Pin.
5. NC: No Connect.

FD-03

BQ-A_C 53xxx Series

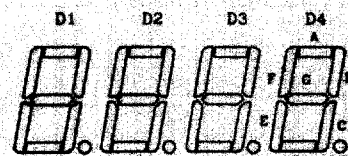
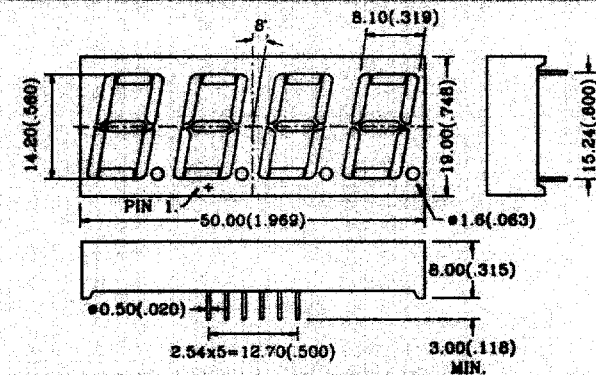


BQ-A53xxx



FD-04

BQ-M_N 51xxx Series



BQ-M51xxx

