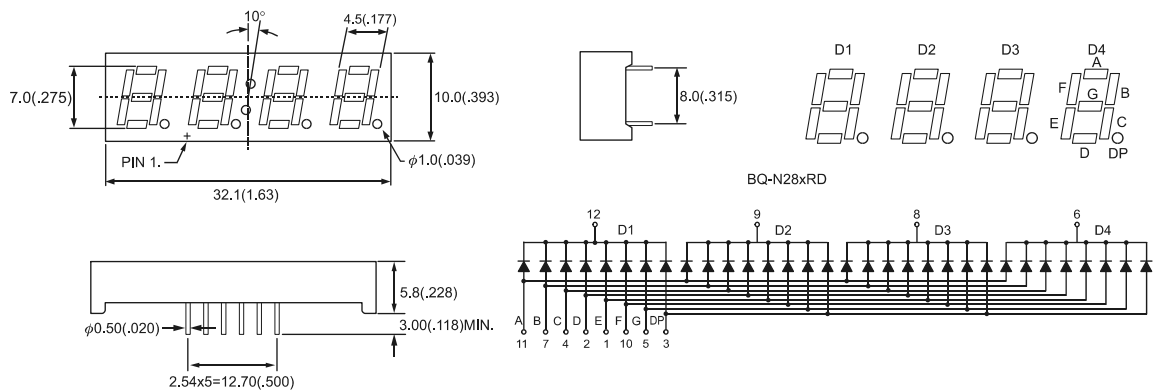


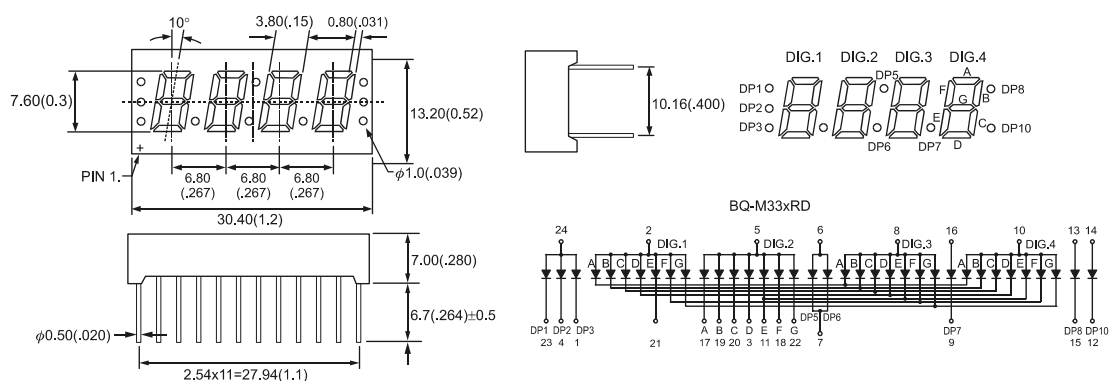
FOUR DIGIT LED DISPLAYS

Digit Size	Part No.		Chip		Absolute Maximum Ratings				Electro-optical Data (At 10mA)			Drawing No.
	Common Anode	Common Cathode	Material/Emitted Color	Peak Wave Length λ P(nm)	$\Delta\lambda$ (nm)	Pd (mw)	If (mA)	Ifp (mA)	Vf (v)		Iv. Typ. Per. Seg. (mcd)	
									Typ.	Max.		
0.28" Four-Digit	BQ-M285RD	BQ-N285RD	GaP/Bright Red	700	90	40	15	50	2.2	2.5	1.0	FD-01
	BQ-M282RD	BQ-N282RD	GaP/ Green	568	30	80	30	150	2.2	2.5	2.5	
	BQ-M283RD	BQ-N283RD	GaAsP/GaP/Yellow	585	35	80	30	150	2.1	2.5	2.0	
	BQ-M284RD	BQ-N284RD	GaAsP/GaP/Hi-Eff.Red	635	45	80	30	150	2.0	2.5	2.5	
	BQ-M286RD	BQ-N286RD	GaAlAs/SH Super Red	660	20	80	30	150	1.7	2.5	4.5	
	BQ-M28DRD	BQ-N28DRD	GaAlAs/DH Super Red	660	20	80	30	150	1.7	2.5	5.5	
0.33" Four-Digit	BQ-M335RD	BQ-N335RD	GaP/Bright Red	700	90	40	15	50	2.2	2.5	1.2	FD-02
	BQ-M332RD	BQ-N332RD	GaP/ Green	568	30	80	30	150	2.2	2.5	3.0	
	BQ-M333RD	BQ-N333RD	GaAsP/GaP/Yellow	585	35	80	30	150	2.1	2.5	2.0	
	BQ-M334RD	BQ-N334RD	GaAsP/GaP/Hi-Eff.Red	635	45	80	30	150	2.0	2.5	3.0	
	BQ-M336RD	BQ-N336RD	GaAlAs/SH Super Red	660	20	80	30	150	1.7	2.5	6.0	
	BQ-M33DRD	BQ-N33DRD	GaAlAs/DH Super Red	660	20	80	30	150	1.7	2.5	7.0	

FD-01 M BQ-N 28xRD



FD-02 M BQ-N 33xRD



Notes: 1. All dimensions are in millimeters (inches).
2. Tolerance is $\pm 0.25\text{mm}$ (.010")

3. Specifications are subject to change without notice.
4. NP: No Pin. 5. NC: No Connect