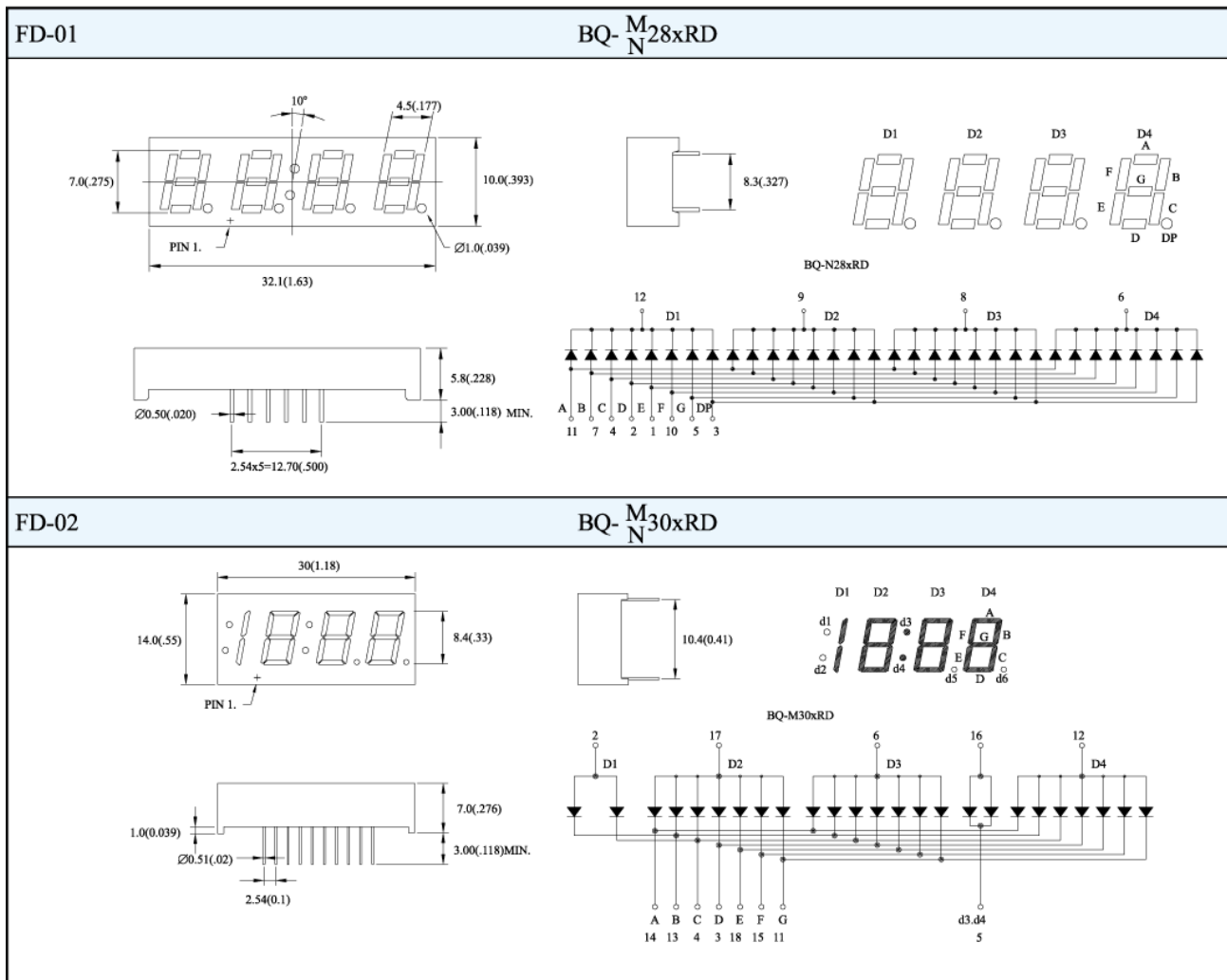




# Four Digit LED Displays BQ-M/N Series

7-segment

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 $\lambda_p$ (nm)	$\Delta \lambda$ (nm)	Pd (mw)	If (mA)	Ifp (mA)	Vf (v)		Iv. Typ. Per.Seg. (med)	
									Typ.	Max.		
0.28" Four-Digit	BQ-M281RD	BQ-N281RD	GaAsP/Red	655	40	80	40	200	1.7	2.0	0.5	FD-01
	BQ-M285RD	BQ-N285RD	GaP/ Bright Red	700	90	40	15	50	2.2	2.5	1.0	
	BQ-M285RE	BQ-N285RE										
	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	
			GaAsP/GaP/ Orange									
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		
0.30" Four-Digit	BQ-M301RD	BQ-N301RD	GaAsP/Red	655	40	80	40	200	1.7	2.0	0.6	FD-02
	BQ-M305RD	BQ-N305RD	GaP/ Bright Red	700	90	40	15	50	2.2	2.5	1.2	
	BQ-M305RE	BQ-N305RE										
	BQ-M302RD	BQ-N302RD	GaP/ Green	568	30	80	30	150	2.2	2.5	3.0	
	BQ-M303RD	BQ-N303RD	GaAsP/GaP/ Yellow	585	35	80	30	150	2.1	2.5	2.0	
	BQ-M304RD	BQ-N304RD	GaAsP/GaP/ Hi-Eff.Red	635	45	80	30	150	2.0	2.5	3.0	
			GaAsP/GaP/ Orange									
BQ-M306RD	BQ-N306RD	GaAlAs/ SH Super Red	660	20	80	30	150	1.7	2.5	6.0		
BQ-M30DRD	BQ-N30DRD	GaAlAs/ DH Super Red	660	20	80	30	150	1.7	2.5	7.0		



NOTES: 1.All Dimensions are in millimeters(inches).  
3.Specifications are subject to change without notice.

2.Tolerance is  $\pm 0.25$ mm(.010").  
4.NP:No Pin. 5.NC:No Connect.