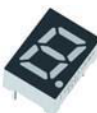


Sensor Innovator
For Human & Future

raytrôn

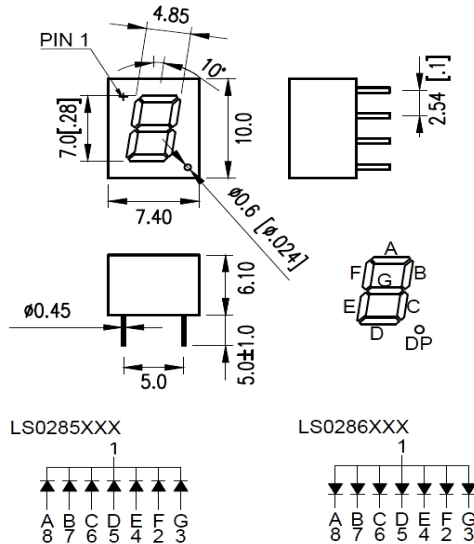
レイترون株式会社

7 セグモジュール
カタログ

Package Size	Part Number		Chip		Face Color	Vf(V) @20mA		Iv(mcd) @20mA		Package Fig.
	Common Cathode	Common Anode	Material	AD (nm)		Typ.	Max.	Min.	Typ.	
	LS0285SGWK	LS0286SGWK	AlnGaP	570	Super Green	2.2	2.6	4.5	7.8	D-01
	LS0285YWK	LS0286YWK	GaAsp on Gap	590	Yellow	2.0	2.6	1.2	1.8	
	LS0285AWK	LS0286AWK	GaAsp on Gap	625	Orange Red	2.0	2.6	1.8	2.8	
					Black					
	LS0285PURWK	LS0286PURWK	AlnGaP	637	Ultra Red	1.9	2.4	3.0	5.0	

Package Dimensions unit:mm Tolerance:±0.25mm(0.01")

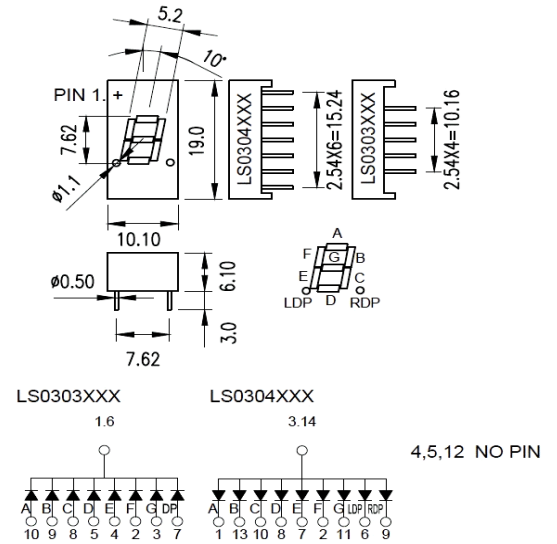
Fig. D-01



Package Size	Part Number		Chip		Face Color	Vf(V) @20mA		Iv(mcd) @20mA		Package Fig.
	Common Cathode	Common Anode	Material	AD (nm)		Typ.	Max.	Min.	Typ.	
	LS0303SGWY	LS0304SGWY	AlnGaP	570	Super Green	2.2	2.6	6.0	6.6	D-02
	LS0303YWY	LS0304YWY	GaAsp on Gap	590	Yellow	2.0	2.6	1.3	1.8	
	LS0303AWY	LS0304AWY	GaAsp on Gap	625	Orange Red	2.0	2.6	1.9	3.0	
					Gray					
	LS0303PURWY	LS0304PURWY	AlnGaP	637	Ultra Red	1.9	2.4	3.0	5.0	

Package Dimensions unit:mm Tolerance:±0.25mm(0.01")

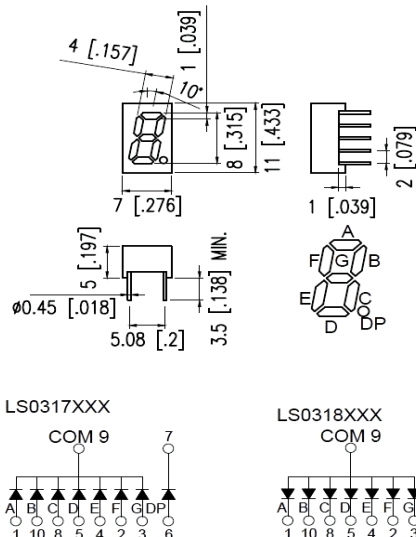
Fig. D-02



Package Size	Part Number		Chip		Face Color	Vf(V) @20mA		Iv(mcd) @20mA		Package Fig.
	Common Cathode	Common Anode	Material	AD (nm)		Typ.	Max.	Min.	Typ.	
	LS0317SGWK	LS0318SGWK	AlnGaP	570	Super Green	2.2	2.6	6.0	7.5	D-03
	LS0317YWK	LS0318YWK	GaAsp on Gap	590	Yellow	2.0	2.6	1.6	2.0	
	LS0317AWK	LS0318AWK	GaAsp on Gap	625	Orange Red	2.0	2.6	1.8	2.2	
					Gray					
	LS0317PURWK	LS0318PURWK	AlnGaP	637	Ultra Red	1.9	2.4	3.0	5.0	

Package Dimensions unit:mm Tolerance:±0.25mm(0.01")

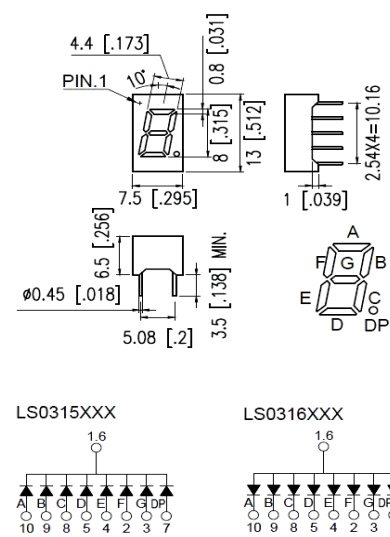
Fig. D-03



Package Size	Part Number		Chip		Face Color	Vf(V) @20mA		Iv(mcd) @20mA		Package Fig.
	Common Cathode	Common Anode	Material	AD (nm)		Typ.	Max.	Min.	Typ.	
	LS0315SGWY	LS0316SGWY	AlnGaP	570	Super Green	2.2	2.6	6.0	7.5	D-04
	LS0315YWY	LS0316YWY	GaAsp on Gap	590	Yellow	2.0	2.6	1.6	2.0	
	LS0315AWY	LS0316AWY	GaAsp on Gap	625	Orange Red	2.0	2.6	1.8	2.2	
					Gray					
	LS0315PURWY	LS0316PURWY	AlnGaP	637	Ultra Red	1.9	2.4	3.0	5.0	

Package Dimensions unit:mm Tolerance:±0.25mm(0.01")

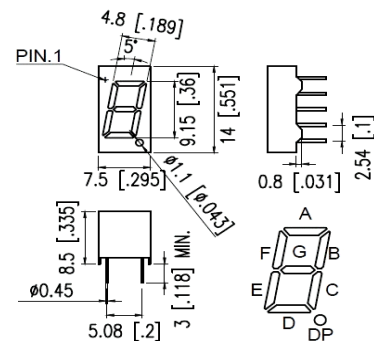
Fig. D-04



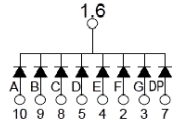
Package Size	Part Number		Chip		Face Color	Vf(V) @20mA		Iv(mcd) @20mA		Package Fig.
	Common Cathode	Common Anode	Material	AD (nm)		Typ.	Max.	Min.	Typ.	
	LS0315SGWY	LS0316SGWY	AlnGaP	570	Super Green	2.2	2.6	6.0	7.5	D-05
	LS0315YWY	LS0316YWY	GaAsp on Gap	590	Yellow	2.0	2.6	1.6	2.0	
	LS0315AWY	LS0316AWY	GaAsp on Gap	625	Orange Red	2.0	2.6	1.8	2.2	
	LS0315PURWY	LS0316PURWY	AlnGaP	637	Ultra Red	1.9	2.4	3.0	5.0	

Package Dimensions unit:mm Tolerance:±0.25mm(0.01")

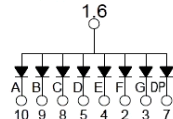
Fig. D-05



LS0365XXX



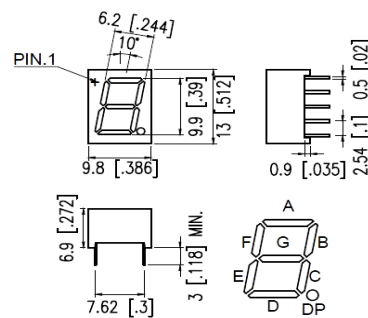
LS0366XXX



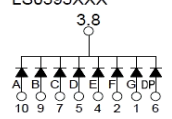
Package Size	Part Number		Chip		Face Color	Vf(V) @20mA		Iv(mcd) @20mA		Package Fig.
	Common Cathode	Common Anode	Material	AD (nm)		Typ.	Max.	Min.	Typ.	
	LS0395SGWY	LS0396SGWY	AlnGaP	570	Super Green	2.2	2.6	6.0	7.5	D-06
	LS0395YWY	LS0396YWY	GaAsp on Gap	590	Yellow	2.0	2.6	1.6	2.0	
	LS0395AWY	LS0396AWY	GaAsp on Gap	625	Orange Red	2.0	2.6	1.8	2.2	
	LS0395PURWY	LS0396PURWY	AlnGaP	637	Ultra Red	1.9	2.4	3.0	5.0	

Package Dimensions unit:mm Tolerance:±0.25mm(0.01")

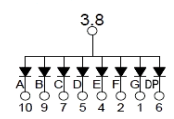
Fig. D-06



LS0395XXX



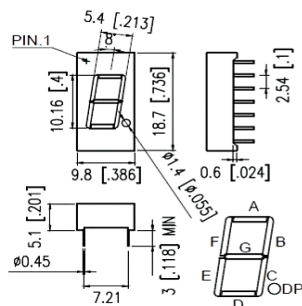
LS0396XXX



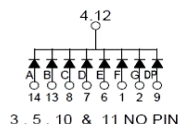
Package Size	Part Number		Chip		Face Color	Vf(V) @20mA		Iv(mcd) @20mA		Package Fig.
	Common Cathode	Common Anode	Material	AD (nm)		Typ.	Max.	Min.	Typ.	
	LS0405SGWK	LS0406SGWK	AlnGaP	570	Super Green	2.2	2.6	6.0	7.5	D-07
	LS0405BLK	LS0406YWK	InGan	465	Blue	2.0	2.6	1.6	2.0	
	LS0405AWK	LS0406AWK	GaAsp on Gap	625	Orange Red	2.0	2.6	1.8	2.2	
	LS0405PURWK	LS0406PURWK	AlnGaP		Ultra Red					

Package Dimensions unit:mm Tolerance:±0.25mm(0.01")

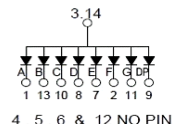
Fig. D-07



LS0405XXX-412



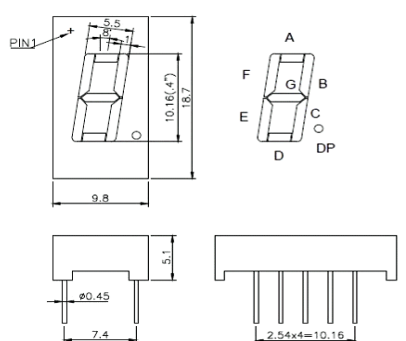
LS0406XXX-314



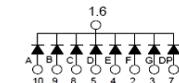
Package Size	Part Number		Chip		Face Color	Vf(V) @20mA		Iv(mcd) @20mA		Package Fig.
	Common Cathode	Common Anode	Material	AD (nm)		Typ.	Max.	Min.	Typ.	
	LS0405SGWY-W2G	LS0406SGWY-W2G	AlnGaP	570	Super Green	2.2	2.6	4.5	6.6	D-08
	LS0405SBLWY-W2G	LS0406SBLWY-W2G	InGan	465	Blue	3.1	3.6	5.0	8.0	
	LS0405AWY-W2G	LS0406AWY-W2G	GaAsp on Gap	625	Orange Red	2.0	2.6	2.0	3.0	
	LS0405PURWK-W2G	LS0406PURWK-W2G	AlnGaP		Ultra Red					

Package Dimensions unit:mm Tolerance:±0.25mm(0.01")

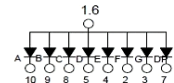
Fig. D-08



LS0405XXX-W2G



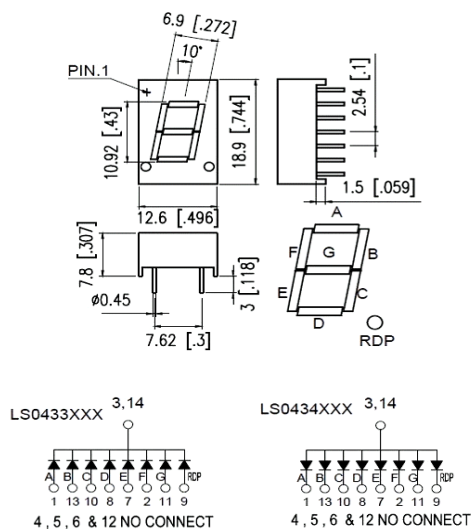
LS0406XXX-W2G



Package Size	Part Number		Chip		Face Color	Vf(V) @20mA		Iv(mcd) @20mA		Package Fig.
	Common Cathode	Common Anode	Material	AD (nm)		Typ.	Max.	Min.	Typ.	
 0.43 inch Single Digit	LS0433SGWK	LS0434SGWK	AlInGaP	570	Super Green	2.2	2.6	4.5	6.6	D-09
	LS0433SBLWK	LS0434SBLWK	InGaP	465	Blue	3.1	3.6	5.0	8.0	
	LS0433AWK	LS0434AWK	GaAsP on Gap	625	Orange Red	2.0	2.6	2.0	3.0	
	LS0433PURWK	LS0434PURWK	AlInGaP		Ultra Red					

Package Dimensions unit:mm Tolerance:±0.25mm(0.01")

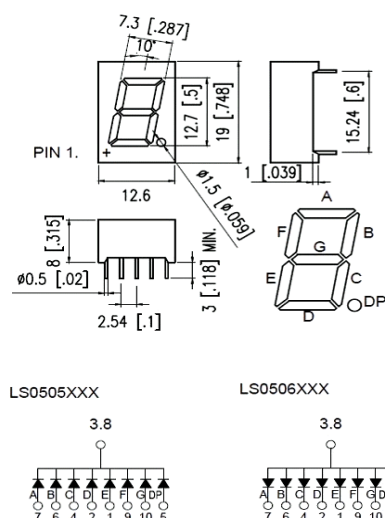
Fig. D-09



Package Size	Part Number		Chip		Face Color	Vf(V) @20mA		Iv(mcd) @20mA		Package Fig.
	Common Cathode	Common Anode	Material	AD (nm)		Typ.	Max.	Min.	Typ.	
 0.5 inch Single Digit	LS0505SGWK	LS0506SGWK	AlInGaP	570	Super Green	2.2	2.6	4.5	6.6	D-10
	LS0505SBLWK	LS0506SBLWK	InGaP	465	Blue	3.1	3.6	5.0	8.0	
	LS0505AWK	LS0506AWK	GaAsP on Gap	625	Orange Red	2.0	2.6	2.0	3.0	
	LS0505PURWK	LS0506PURWK	AlInGaP		Ultra Red					

Package Dimensions unit:mm Tolerance:±0.25mm(0.01")

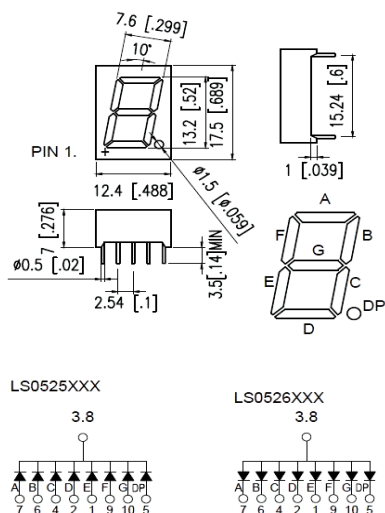
Fig. D-10



Package Size	Part Number		Chip		Face Color	Vf(V) @20mA		Iv(mcd) @20mA		Package Fig.
	Common Cathode	Common Anode	Material	AD (nm)		Typ.	Max.	Min.	Typ.	
 0.52 inch Single Digit	LS0525SGWY	LS0526SGWY	AlInGaP	570	Super Green	2.2	2.6	4.5	6.6	D-11
	LS0525SBLWY	LS0526SBLWY	InGaP	465	Blue	3.1	3.6	5.0	8.0	
	LS0525AWY	LS0526AWY	GaAsP on Gap	625	Orange Red	2.0	2.6	2.0	3.0	
	LS0525PURWY	LS0526PURWY	AlInGaP		Ultra Red					

Package Dimensions unit:mm Tolerance:±0.25mm(0.01")

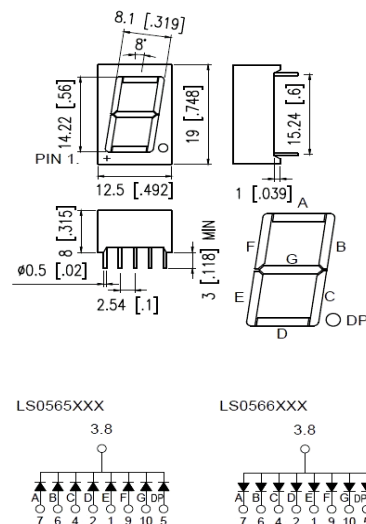
Fig. D-11



Package Size	Part Number		Chip		Face Color	Vf(V) @20mA		Iv(mcd) @20mA		Package Fig.
	Common Cathode	Common Anode	Material	AD (nm)		Typ.	Max.	Min.	Typ.	
 0.56 inch Single Digit	LS0565SGWY	LS0566SGWY	AlInGaP	570	Super Green	2.2	2.6	4.5	7.2	D-12
	LS0565SBLWY	LS0566SBLWY	InGaP	465	Blue	3.1	3.6	5.5	8.5	
	LS0565AWY	LS0566AWY	GaAsP on Gap	625	Orange Red	2.0	2.6	2.2	3.5	
	LS0565PURWY	LS0566PURWY	AlInGaP	653	Ultra Red	1.9	2.1	3.5	7.0	

Package Dimensions unit:mm Tolerance:±0.25mm(0.01")

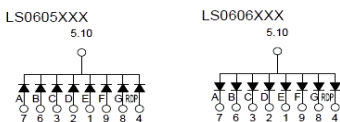
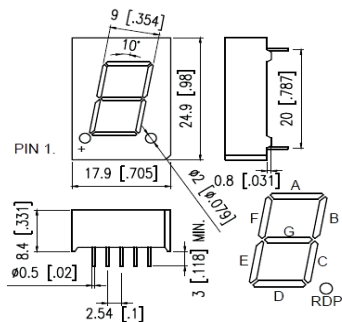
Fig. D-12



Package Size	Part Number		Chip		Face Color	Vf(V) @20mA		Iv(mcd) @20mA		Package Fig.
	Common Cathode	Common Anode	Material	AD (nm)		Typ.	Max.	Min.	Typ.	
	LS0605SGWY	LS0606SGWY	AlInGaP	570	Super Green	2.2	2.6	4.5	7.2	D-13
	LS0605SBLWY	LS0606SBLWY	InGaP	465	Blue	3.1	3.6	5.5	8.5	
	LS0606AWY	LS0606AWY	GaAsP on Gap	625	Orange Red	2.0	2.6	2.2	3.5	
	LS0605PURWY	LS0606PURWY	AlInGaP		Ultra Red					

Package Dimensions unit:mm Tolerance:±0.25mm(0.01")

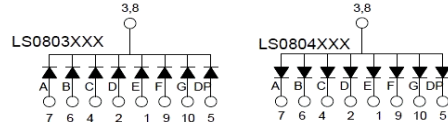
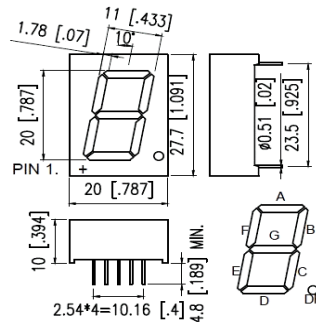
Fig. D-13



Package Size	Part Number		Chip		Face Color	Vf(V) @20mA		Iv(mcd) @20mA		Package Fig.
	Common Cathode	Common Anode	Material	AD (nm)		Typ.	Max.	Min.	Typ.	
	LS0803SGWY	LS0804SGWY	AlInGaP	570	Super Green	2.2	2.6	4.5	7.2	D-14
	LS0803SBLWY	LS0804SBLWY	InGaP	465	Blue	3.1	3.6	5.5	8.5	
	LS0803AWY	LS0804AWY	GaAsP on Gap	625	Orange Red	2.0	2.6	2.2	3.5	
	LS0803PURWK	LS0804PURWK	AlInGaP		Ultra Red					

Package Dimensions unit:mm Tolerance:±0.25mm(0.01")

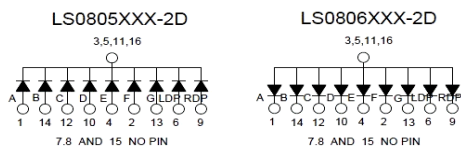
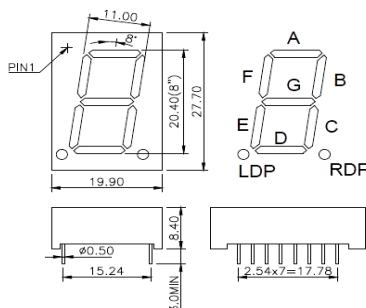
Fig. D-14



Package Size	Part Number		Chip		Face Color	Vf(V) @20mA		Iv(mcd) @20mA		Package Fig.
	Common Cathode	Common Anode	Material	AD (nm)		Typ.	Max.	Min.	Typ.	
	LS0805SGWY-2D	LS0806SGWY-2D	AlInGaP	570	Super Green	2.2	2.6	4.5	7.2	D-15
	LS0805SBLWY-2D	LS0806SBLWY-2D	InGaP	465	Blue	3.1	3.6	5.5	8.5	
	LS0806AWY-2D	LS0806AWY-2D	GaAsP on Gap	625	Orange Red	2.0	2.6	2.2	3.5	
	LS0805PURWK-2D	LS0806PURWK-2D	AlInGaP		Ultra Red					

Package Dimensions unit:mm Tolerance:±0.25mm(0.01")

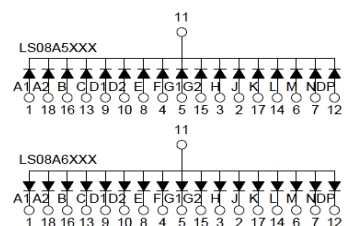
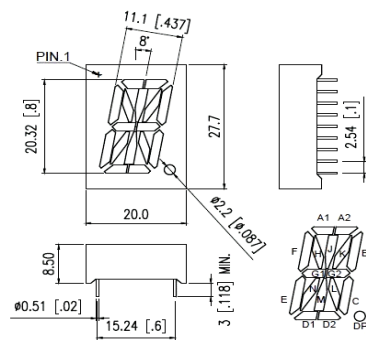
Fig. D-15



Package Size	Part Number		Chip		Face Color	Vf(V) @20mA		Iv(mcd) @20mA		Package Fig.
	Common Cathode	Common Anode	Material	AD (nm)		Typ.	Max.	Min.	Typ.	
	LS08A5SGWK	LS08A6SGWK	AlInGaP	570	Super Green	2.2	2.6	4.5	7.2	D-16
	LS08A5YWK	LS08A6YWK	GaAsP on Gap	590	Yellow	2.0	2.6	1.5	2.2	
	LS08A5AWK	LS08A6AWK	GaAsP on Gap	625	Orange Red	2.0	2.6	2.2	3.5	
	LS08A5PURWK	LS08A6PURWK	AlInGaP		Ultra Red					

Package Dimensions unit:mm Tolerance:±0.25mm(0.01")

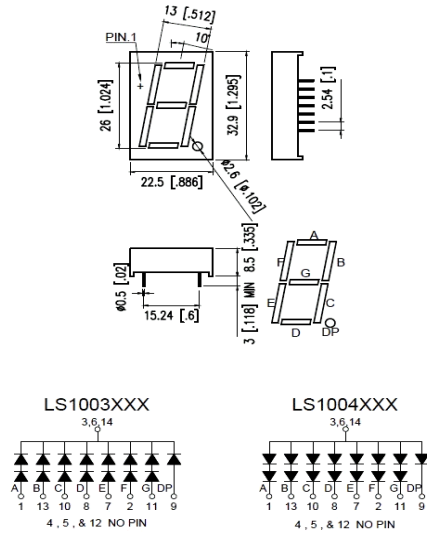
Fig. D-16



Package Size	Part Number		Chip		Face Color	Vf(V) @20mA		Iv(mcd) @20mA		Package Fig.
	Common Cathode	Common Anode	Material	AD (nm)		Typ.	Max.	Min.	Typ.	
 1.0 inch Single Digit	LS1003SGWY	LS1004SGWY	AlnGaP	570	Gray	2.2	2.6	8.4	10.5	D-17
	LS1003PURWK	LS1004PURWK	AlnGaP							

Package Dimensions unit:mm Tolerance:±0.25mm(0.01")

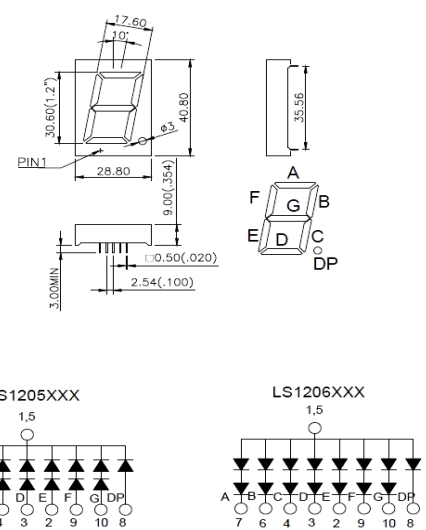
Fig. D-17



Package Size	Part Number		Chip		Face Color	Vf(V) @20mA		Iv(mcd) @20mA		Package Fig.
	Common Cathode	Common Anode	Material	AD (nm)		Typ.	Max.	Min.	Typ.	
 1.2 inch Single Digit	LS1205SGWK	LS1206SGWK	AlnGaP	570	Black	2.2	2.6	8.4	10.5	D-18
	LS1205PURWK	LS1206PURWK	AlnGaP							

Package Dimensions unit:mm Tolerance:±0.25mm(0.01")

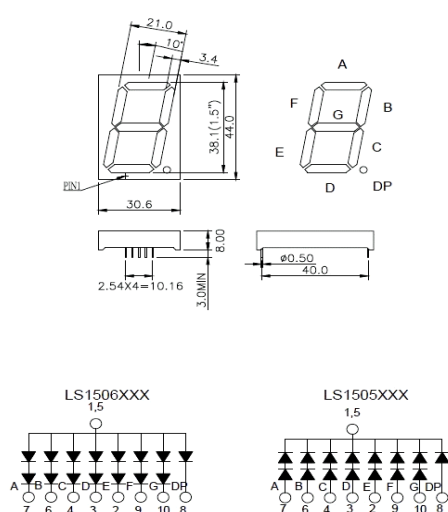
Fig. D-18



Package Size	Part Number		Chip		Face Color	Vf(V) @20mA		Iv(mcd) @20mA		Package Fig.
	Common Cathode	Common Anode	Material	AD (nm)		Typ.	Max.	Min.	Typ.	
 1.5 inch Single Digit	LS1505SGWK	LS1506SGWK	AlnGaP	570	Black	2.2	2.6	9.0	12.0	D-19
	LS1505PURWK	LS1506PURWK	AlnGaP							

Package Dimensions unit:mm Tolerance:±0.25mm(0.01")

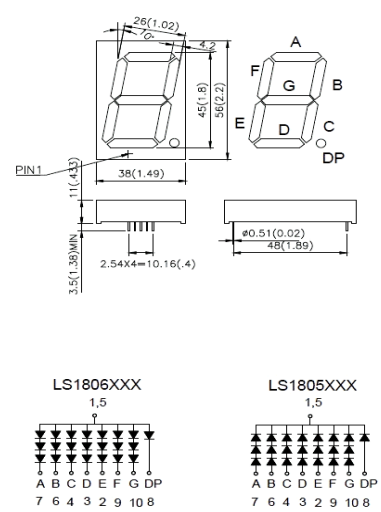
Fig. D-19



Package Size	Part Number		Chip		Face Color	Vf(V) @20mA		Iv(mcd) @20mA		Package Fig.
	Common Cathode	Common Anode	Material	AD (nm)		Typ.	Max.	Min.	Typ.	
 1.8 inch Single Digit	LS1805SGWK	LS1806SGWK	AlnGaP	570	Black	2.2	2.6	9.0	12.0	D-20
	LS1805PURWK	LS1806PURWK	AlnGaP							

Package Dimensions unit:mm Tolerance:±0.25mm(0.01")

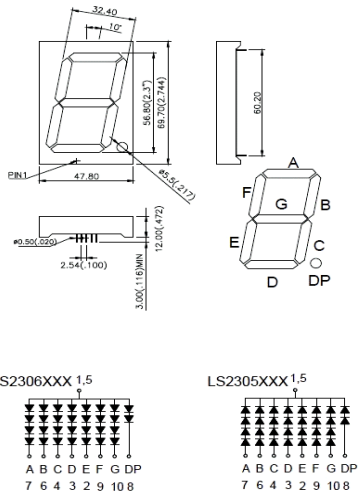
Fig. D-20



Package Size	Part Number		Chip		Face Color	Vf(V) @20mA		Iv(mcd) @20mA		Package Fig.
	Common Cathode	Common Anode	Material	AD (nm)		Typ.	Max.	Min.	Typ.	
 2.3 inch Single Digit	LS2305SGWY	LS2306SGWY	AlinGaP	570	Super Green	2.2	2.6	6.9	14.4	D-21
	LS2305YWKY	LS2306YWKY	AlinGaP	590	Super Yellow					
	LS2305PURWY	LS2306PURWY	AlinGaP		Ultra Red					

Package Dimensions unit:mm Tolerance:±0.25mm(0.01")

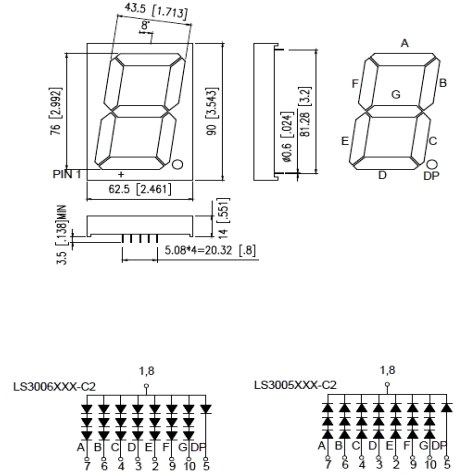
Fig. D-21



Package Size	Part Number		Chip		Face Color	Vf(V) @20mA		Iv(mcd) @20mA		Package Fig.
	Common Cathode	Common Anode	Material	AD (nm)		Typ.	Max.	Min.	Typ.	
 3.0 inch Single Digit	LS3005SGWK-C2	LS3006SGWK-C2	AlinGaP	572	Super Green	2.2	2.6	15.0	22.5	D-22
	LS3005YWK-C2	LS3006YWK-C2	AlinGaP	590	Super Yellow	1.9	2.6	12.0	15.0	
	LS3005PURWK-C2	LS3006PURWK-C2	AlinGaP		Ultra Red					

Package Dimensions unit:mm Tolerance:±0.25mm(0.01")

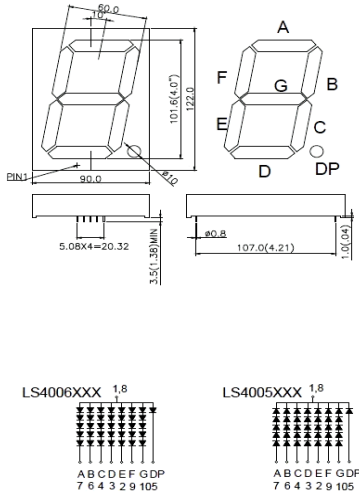
Fig. D-22



Package Size	Part Number		Chip		Face Color	Vf(V) @20mA		Iv(mcd) @20mA		Package Fig.
	Common Cathode	Common Anode	Material	AD (nm)		Typ.	Max.	Min.	Typ.	
 4.0 inch Single Digit	LS4005SGWK	LS4006SGWK	AlinGaP	572	Super Green	2.2	2.6	10.0	12.0	D-23
	LS4005YWK	LS4006YWK	AlinGaP	590	Super Yellow	1.9	2.6	12.0	15.0	
	LS4005PURWK	LS4006PURWK	AlinGaP		Ultra Red					

Package Dimensions unit:mm Tolerance:±0.25mm(0.01")

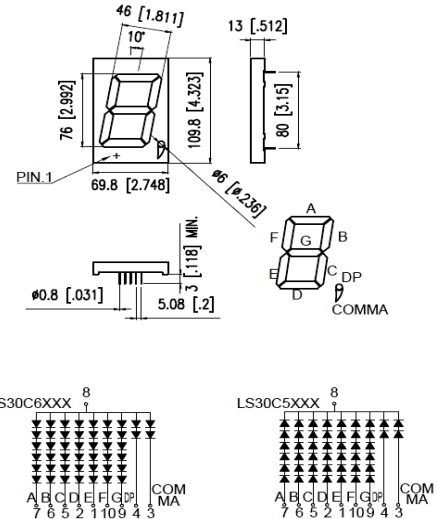
Fig. D-23



Package Size	Part Number		Chip		Face Color	Vf(V) @20mA		Iv(mcd) @20mA		Package Fig.
	Common Cathode	Common Anode	Material	AD (nm)		Typ.	Max.	Min.	Typ.	
 3.0 inch With Comma	LS30C5SGWK	LS30C6SGWK	AlinGaP	572	Super Green	2.0	2.6	15.0	7.5	D-24
	LS30C5YWK	LS30C6YWK	AlinGaP		Super Yellow					
	LS30C5PURWK	LS30C6PURWK	AlinGaP		Ultra Red					

Package Dimensions unit:mm Tolerance:±0.25mm(0.01")

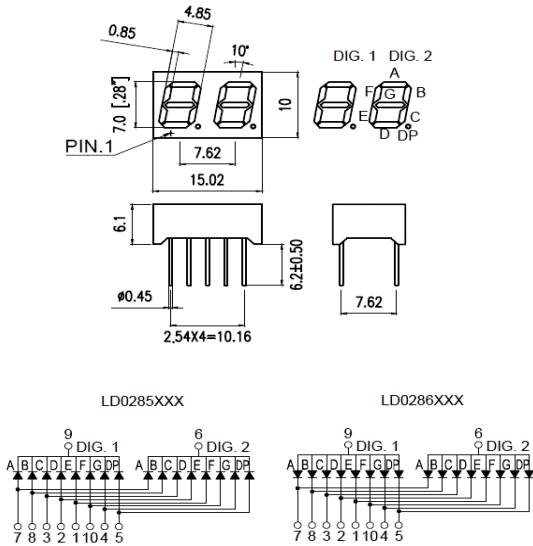
Fig. D-24



Package Size	Part Number		Chip		Face Color	Vf(V) @20mA		Iv(mcd) @20mA		Package Fig.
	Common Cathode	Common Anode	Material	AD (nm)		Typ.	Max.	Min.	Typ.	
	Common Cathode	Common Anode	Material	AD (nm)		Typ.	Max.	Min.	Typ.	
 0.28 inch Dual Digit	LD0285SGWK	LD0286SGWK	AlInGaP	570	Super Green	2.2	2.6	4.5	7.8	D-25
	LD0285AWK	LD0286AWK	GaAsP on GaP	625	Orange Red	2.0	2.6	1.8	2.8	
	LD0285PURWK	LD0286PURWK	AlInGaP	637	Ultra Red	1.9	2.4	3.0	5.0	

Package Dimensions unit:mm Tolerance:±0.25mm(0.01")

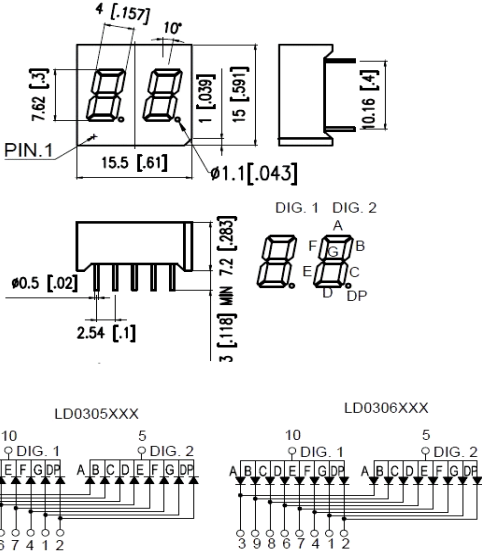
Fig. D-25



Package Size	Part Number		Chip		Face Color	Vf(V) @20mA		Iv(mcd) @20mA		Package Fig.
	Common Cathode	Common Anode	Material	AD (nm)		Typ.	Max.	Min.	Typ.	
	Common Cathode	Common Anode	Material	AD (nm)		Typ.	Max.	Min.	Typ.	
 0.3 inch Dual Digit	LD0305SGWK	LD0306SGWK	AlInGaP	570	Super Green	2.2	2.6	6.0	6.6	D-26
	LD0305AWK	LD0306AWK	GaAsP on GaP	625	Orange Red	2.0	2.6	1.9	3.0	
	LD0305PURWK	LD0306PURWK	AlInGaP		Ultra Red	1.8	2.3	3.5	8.0	

Package Dimensions unit:mm Tolerance:±0.25mm(0.01")

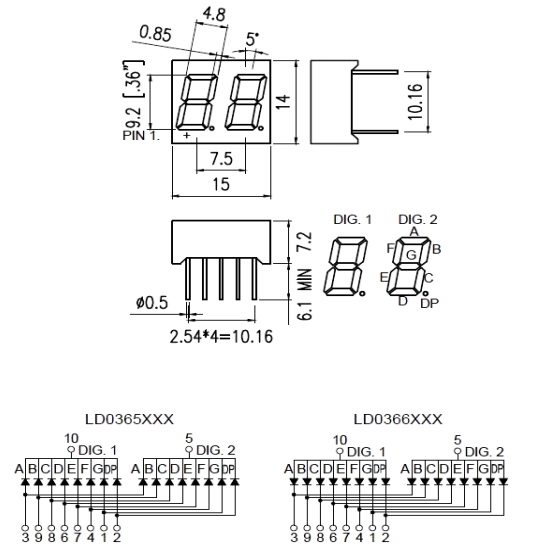
Fig. D-26



Package Size	Part Number		Chip		Face Color	Vf(V) @20mA		Iv(mcd) @20mA		Package Fig.
	Common Cathode	Common Anode	Material	AD (nm)		Typ.	Max.	Min.	Typ.	
	Common Cathode	Common Anode	Material	AD (nm)		Typ.	Max.	Min.	Typ.	
 0.36 inch Dual Digit	LD0365SGWY	LD0366SGWY	AlInGaP	570	Super Green	2.2	2.6	6.0	7.5	D-27
	LD0365YWY	LD0366YWY	GaAsP on Gap	590	Yellow	2.0	2.6	1.6	2.0	
	LD0365AWY	LD0366AWY	GaAsP on Gap	625	Orange Red	2.0	2.6	1.8	2.2	
	LD0365PURWY	LD0366PURWY	AlInGaP		Ultra Red					

Package Dimensions unit:mm Tolerance:±0.25mm(0.01")

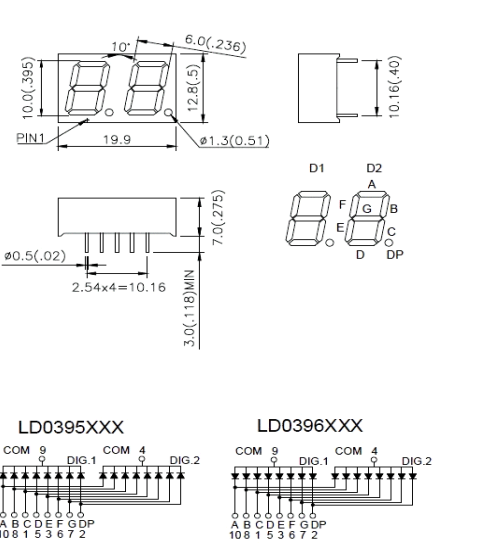
Fig. D-27



Package Size	Part Number		Chip		Face Color	Vf(V) @20mA		Iv(mcd) @20mA		Package Fig.
	Common Cathode	Common Anode	Material	AD (nm)		Typ.	Max.	Min.	Typ.	
	Common Cathode	Common Anode	Material	AD (nm)		Typ.	Max.	Min.	Typ.	
 0.39 inch Dual Digit	LD0395SGWY	LD0396SGWY	AlInGaP	570	Super Green	2.2	2.6	6.0	7.5	D-28
	LD0395YWY	LD0396YWY	GaAsP on Gap	590	Yellow	2.0	2.6	1.6	2.0	
	LD0395AWY	LD0396AWY	GaAsP on Gap	625	Orange Red	2.0	2.6	1.8	2.2	
	LD0395PURWY	LD0396PURWY	AlInGaP		Ultra Red					

Package Dimensions unit:mm Tolerance:±0.25mm(0.01")

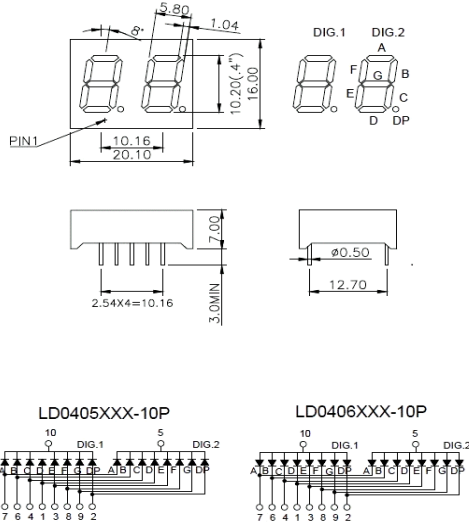
Fig. D-28



Package Size	Part Number		Chip			Face Color	Vf(V) @20mA		Iv(mcd) @20mA		Package Fig.
	Common Cathode	Common Anode	Material	AD (nm)	Emitted Color		Typ.	Max.	Min.	Typ.	
	LD0405SGWY-10P	LD0406SGWY-10P	AlnGaP	570	Super Green	Gray	2.2	2.6	4.5	6.6	D-29
	LD0405YWY-10P	LD0406YWY-10P	GaAsp on Gap	590	Yellow		2.0	2.6	1.6	2.0	
	LD0405AWY-10P	LD0406AWY-10P	GaAsp on Gap	625	Orange Red		2.0	2.6	2.0	3.0	
	LD0405PURWY-10P	LD0406PURWY-10P	AlnGaP	640	Ultra Red		1.8	2.5	5.5	9.0	

Package Dimensions unit: mm Tolerance: ±0.25mm(0.01")

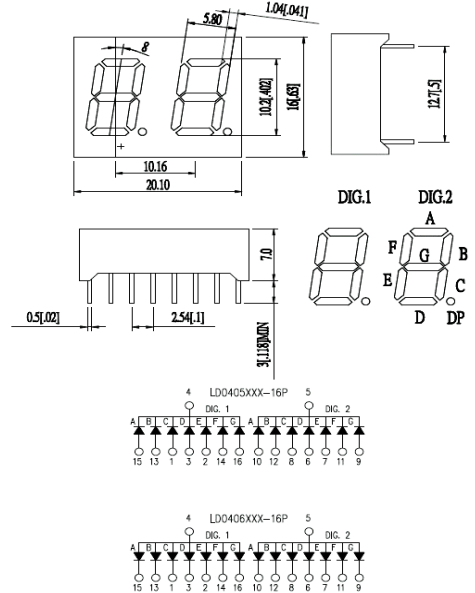
Fig. D-29



Package Size	Part Number		Chip			Face Color	Vf(V) @20mA		Iv(mcd) @20mA		Package Fig.
	Common Cathode	Common Anode	Material	AD (nm)	Emitted Color		Typ.	Max.	Min.	Typ.	
 0.4 inch Dual Digit 16Pin	LD0405SGWK-16P	LD0406SGWK-16P	AlInGaP	570	Super Green	Black	2.2	2.6	4.5	6.6	D-30
	LD0405YWK-16P	LD0406YWK-16P	GaAsp on Gap	590	Yellow		2.0	2.6	1.6	2.0	
	LD0405AWK-16P	LD0406AWK-16P	GaAsp on Gap	625	Orange Red		2.0	2.6	2.0	3.0	
	LD0405PURWK-16P	LD0406PURWK-16P	AlInGaP	640	Ultra Red		1.8	2.5	5.5	9.0	

Package Dimensions unit: mm Tolerance: ±0.25mm(0.01")

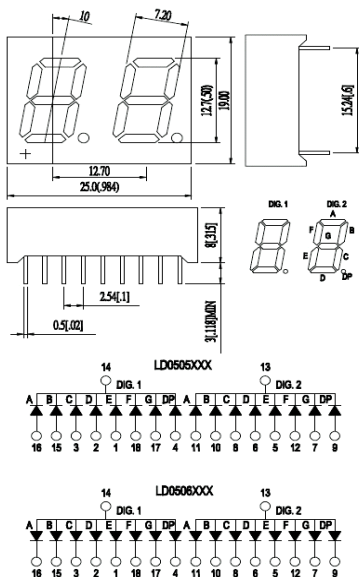
Fig. D-30



Package Size	Part Number		Chip			Face Color	Vf(V) @20mA		Iv(mcd) @20mA		Package Fig.
	Common Cathode	Common Anode	Material	AD (nm)	Emitted Color		Typ.	Max.	Min.	Typ.	
 0.5 inch Dual Digit	LD0505SGWY	LD0506SGWY	AlInGaP	570	Super Green	Gray	2.2	2.6	4.5	6.6	D-31
	LD0505SBLWY	LD0506SBLWY	InGaP	465	Blue		3.1	3.6	5.0	8.0	
	LD0505AWY	LD0506AWY	GaAsp on Gap	625	Orange Red		2.0	2.6	2.0	3.0	
	LD0505PURWY	LD0506PURWY	AlInGaP		Ultra Red						

Package Dimensions unit: mm Tolerance: ±0.25mm(0.01")

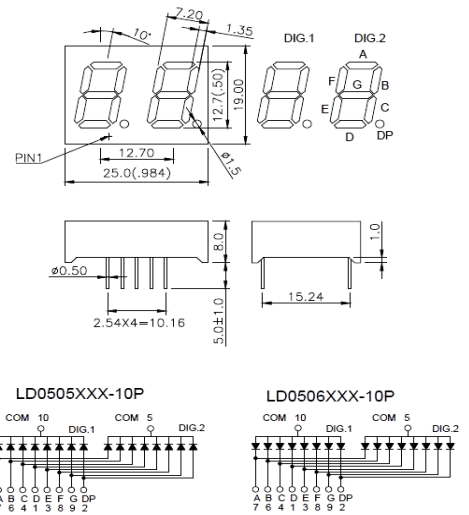
Fig. D-31



Package Size	Part Number		Chip		Face Color	Vf(V) @20mA		Iv(mcd) @20mA		Package Fig.	
	Common Cathode	Common Anode	Material	AD (nm)		Emitted Color	Typ.	Max.	Min.		Typ.
 0.5 inch Dual Digit 10Pin	LD0505SGWY-10P	LD0506SGWY-10P	AlInGaP	570	Super Green	Gray	2.2	2.6	4.5	D-32	
	LD0505BLWY-10P	LD0506BLWY-10P	InGaP	465	Blue		3.1	3.6	5.0		8.0
	LD0505AWY-10P	LD0506AWY-10P	GaAsp on Gap	625	Orange Red		2.0	2.6	2.0		3.0
	LD0505PURWY-10P	LD0506PURWY-10P	AlInGaP		Ultra Red						

Package Dimensions unit: mm Tolerance: ±0.25mm(0.01")

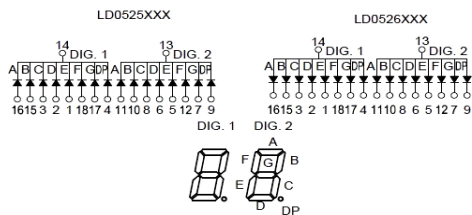
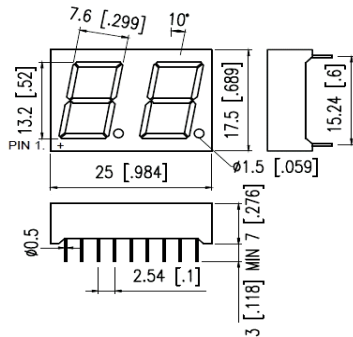
Fig. D-32



Package Size	Part Number		Chip		Face Color	Vf(V) @20mA		Iv(mcd) @20mA		Package Fig.
	Common Cathode	Common Anode	Material	AD (nm)		Typ.	Max.	Min.	Typ.	
 0.52 inch Dual Digit	LD0525SGWY	LD0526SGWY	AlInGaP	570	Super Green	2.2	2.6	4.5	6.6	D-33
	LD0525SBLWY	LD0526SBLWY	InGaN	465	Blue	3.1	3.6	5.0	8.0	
	LD0525AWY	LD0526AWY	GaAsp on Gap	625	Orange Red	2.0	2.6	2.0	3.0	
	LD0525PURWY	LD0526PURWY	AlInGaP		Ultra Red					

Package Dimensions unit:mm Tolerance:±0.25mm(0.01")

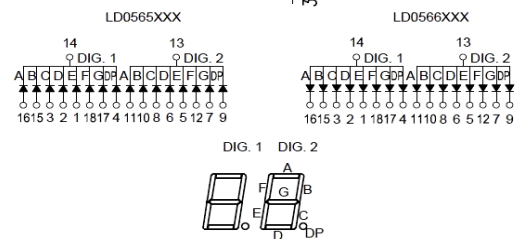
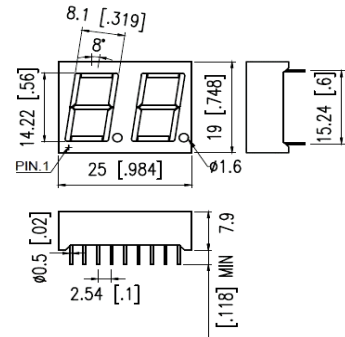
Fig. D-33



Package Size	Part Number		Chip		Face Color	Vf(V) @20mA		Iv(mcd) @20mA		Package Fig.
	Common Cathode	Common Anode	Material	AD (nm)		Typ.	Max.	Min.	Typ.	
 0.56 inch Dual Digit	LD0565SGWK	LD0566SGWK	AlInGaP	570	Super Green	2.2	2.6	4.5	7.2	D-34
	LD0565SBLWK	LD0566SBLWK	InGaN	465	Blue	3.1	3.6	5.5	8.5	
	LD0565AWK	LD0566AWK	GaAsp on Gap	625	Orange Red	2.0	2.6	2.2	3.5	
	LD0565PURWK	LD0566PURWK	AlInGaP	653	Ultra Red	1.9	2.1	3.5	7.0	

Package Dimensions unit:mm Tolerance:±0.25mm(0.01")

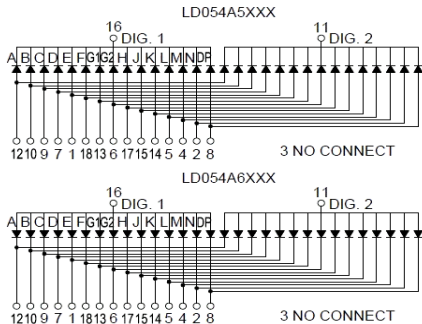
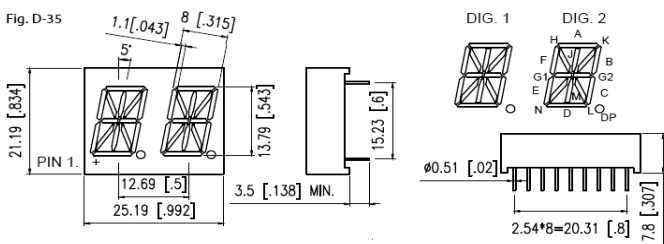
Fig. D-34



Package Size	Part Number		Chip		Face Color	Vf(V) @20mA		Iv(mcd) @20mA		Package Fig.
	Common Cathode	Common Anode	Material	AD (nm)		Typ.	Max.	Min.	Typ.	
 0.54 inch Alphabetic	LD054A5SGWK	LD054A6SGWK	AlInGaP	570	Super Green	2.2	2.6	6.0	7.5	D-35
	LD054A5YWK	LD054A6YWK	GaAsp on Gap	590	Yellow	2.0	2.6	1.8	2.2	
	LD054A5AWK	LD054A6AWK	GaAsp on Gap	625	Orange Red	2.0	2.6	2.5	3.5	
	LD054A5PURWK	LD054A6PURWK	AlInGaP	653	Ultra Red	1.7	2.4	3.0	6.5	

Package Dimensions unit:mm Tolerance:±0.25mm(0.01")

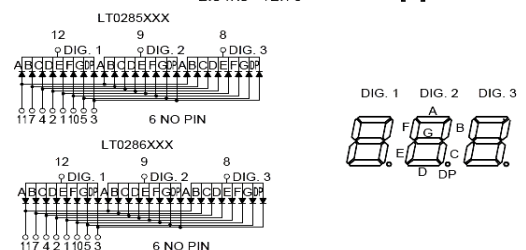
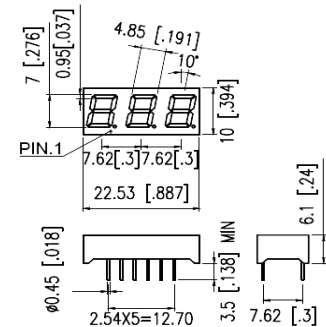
Fig. D-35



Package Size	Part Number		Chip		Face Color	Vf(V) @20mA		Iv(mcd) @20mA		Package Fig.
	Common Cathode	Common Anode	Material	AD (nm)		Typ.	Max.	Min.	Typ.	
 0.28 inch Three Digit	LT0285SGWK	LT0286SGWK	AlInGaP	570	Super Green	2.2	2.6	4.5	7.8	D-36
	LT0285YWK	LT0286YWK	GaAsp on Gap	590	Yellow	2.0	2.6	1.5	2.2	
	LT0285AWK	LT0286AWK	GaAsp on Gap	625	Orange Red	2.0	2.6	1.8	2.8	
	LT0285PURWK	LT0286PURWK	AlInGaP	637	Ultra Red	1.9	2.4	3.0	5.0	

Package Dimensions unit:mm Tolerance:±0.25mm(0.01")

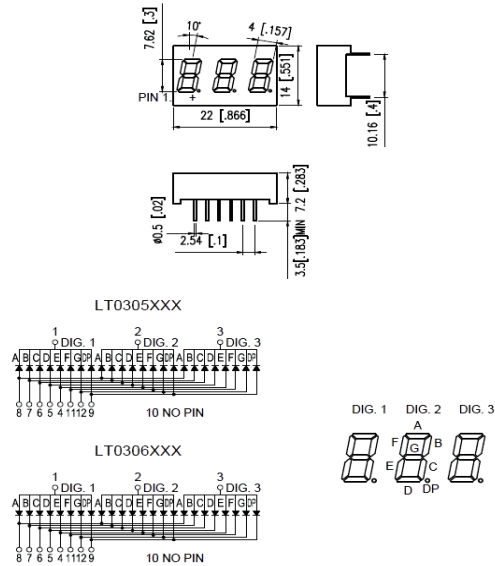
Fig. D-36



Package Size	Part Number		Chip		Face Color	Vf(V) @20mA		Iv(mcd) @20mA		Package Fig.
	Common Cathode	Common Anode	Material	AD (nm)		Typ.	Max.	Min.	Typ.	
 0.3 inch Three Digit	LT0305SGWK	LT0306SGWK	AlInGaP	570	Super Green	2.2	2.6	4.5	7.8	D-37
	LT0305YWK	LT0306YWK	GaAsP on Gap	590	Yellow	2.0	2.6	1.5	2.2	
	LT0305AWK	LT0306AWK	GaAsP on Gap	625	Orange Red	2.0	2.6	1.8	2.8	
	LT0305PURWK	LT0306PURWK	AlInGaP		Ultra Red					

Package Dimensions unit:mm Tolerance:±0.25mm(0.01")

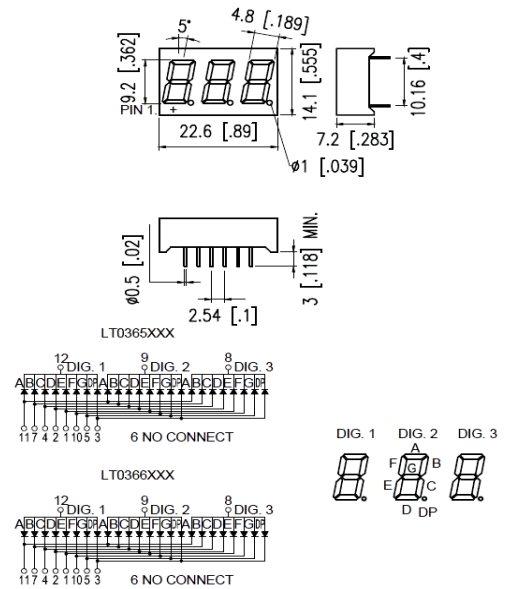
Fig. D-37



Package Size	Part Number		Chip		Face Color	Vf(V) @20mA		Iv(mcd) @20mA		Package Fig.
	Common Cathode	Common Anode	Material	AD (nm)		Typ.	Max.	Min.	Typ.	
 0.36 inch Three Digit	LT0365SGWK	LT0366SGWK	AlInGaP	570	Super Green	2.2	2.6	6.0	7.5	D-38
	LT0365YWK	LT0366YWK	GaAsP on Gap	590	Yellow	2.0	2.6	1.6	2.0	
	LT0365AWK	LT0366AWK	GaAsP on Gap	625	Orange Red	2.0	2.6	1.8	2.2	
	LT0365PURWK	LT0366PURWK	AlInGaP		Ultra Red					

Package Dimensions unit:mm Tolerance:±0.25mm(0.01")

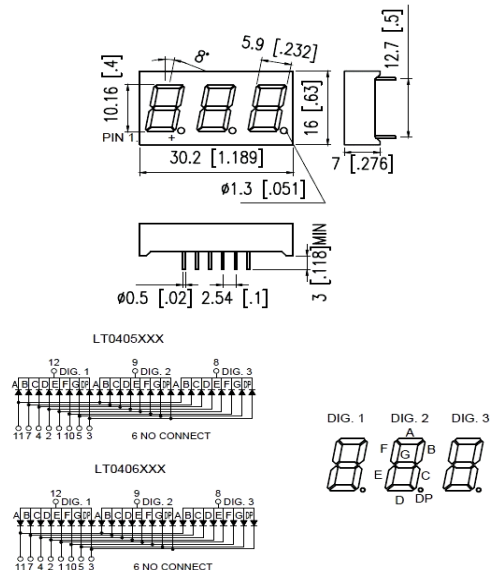
Fig. D-38



Package Size	Part Number		Chip		Face Color	Vf(V) @20mA		Iv(mcd) @20mA		Package Fig.
	Common Cathode	Common Anode	Material	AD (nm)		Typ.	Max.	Min.	Typ.	
 0.4 inch Three Digit	LT0405SGWK	LT0406SGWK	AlInGaP	570	Super Green	2.2	2.6	6.0	7.5	D-39
	LT0405BLWK	LT0406BLWK	InGaP	465	Blue	3.1	3.6	5.5	8.5	
	LT0405AWK	LT0406AWK	GaAsP on Gap	625	Orange Red	2.0	2.6	2.5	3.5	
	LT0405PURWK	LT0406PURWK	AlInGaP		Ultra Red					

Package Dimensions unit:mm Tolerance:±0.25mm(0.01")

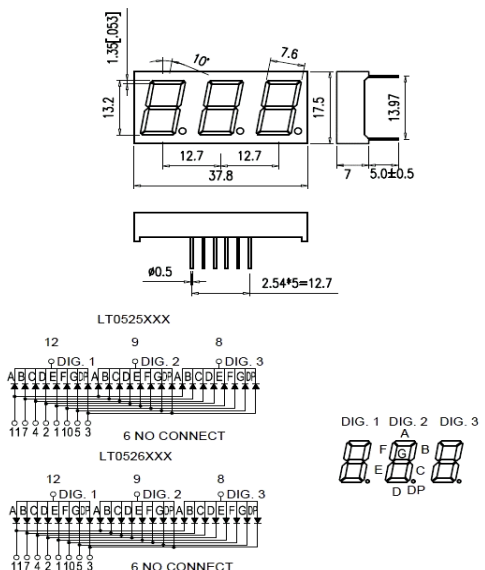
Fig. D-39



Package Size	Part Number		Chip		Face Color	Vf(V) @20mA		Iv(mcd) @20mA		Package Fig.
	Common Cathode	Common Anode	Material	AD (nm)		Typ.	Max.	Min.	Typ.	
 0.52 inch Three Digit	LT0525SGWY	LT0526SGWY	AlInGaP	570	Super Green	2.2	2.6	6.0	7.5	D-40
	LT0525BLWY	LT0526BLWY	InGaP	465	Blue	3.1	3.6	5.5	8.5	
	LT0525AWY	LT0526AWY	GaAsP on Gap	625	Orange Red	2.0	2.6	2.5	3.5	
	LT0525PURWY	LT0526PURWY	AlInGaP		Ultra Red					

Package Dimensions unit:mm Tolerance:±0.25mm(0.01")

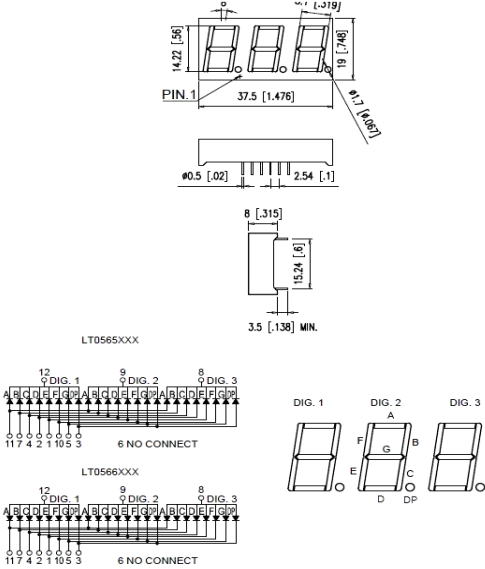
Fig. D-40



Package Size	Part Number		Chip		Face Color	Vf(V) @20mA		Iv(mcd) @20mA		Package Fig.
	Common Cathode	Common Anode	Material	AD (nm)		Typ.	Max.	Min.	Typ.	
 0.56 inch Three Digit	LT056SSGWK	LT056BSGWK	AlnGaP	570	Super Green	2.2	2.6	6.6	7.5	D-41
	LT056SBLWK	LT056BLWK	InGaP	465	Blue	3.1	3.6	6.0	9.0	
	LT056SAWK	LT056AAWK	GaAsP on Gap	625	Orange Red	2.0	2.6	2.8	4.0	
	LT056SPURWK	LT056PURWK	AlnGaP	637	Ultra Red	1.9	2.1	3.5	7.0	

Package Dimensions unit:mm Tolerance:±0.25mm(0.01")

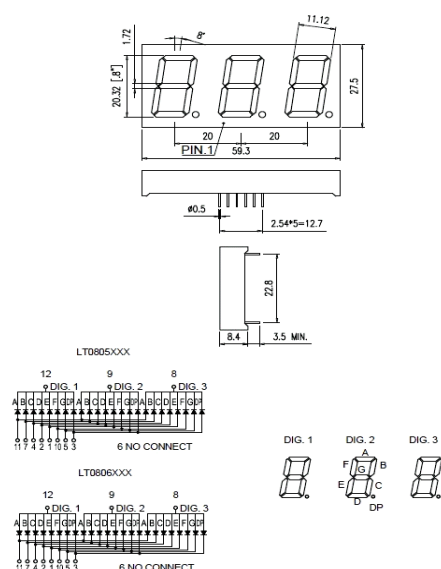
Fig. D-41



Package Size	Part Number		Chip		Face Color	Vf(V) @20mA		Iv(mcd) @20mA		Package Fig.
	Common Cathode	Common Anode	Material	AD (nm)		Typ.	Max.	Min.	Typ.	
 0.8 inch Three Digit	LT080SSGWK	LT080BSGWK	AlnGaP	570	Super Green	2.2	2.6	5.4	7.2	D-42
	LT080SBLWK	LT080BLWK	InGaP	465	Blue	3.1	3.6	5.5	8.5	
	LT080SAWK	LT080AAWK	GaAsP on Gap	625	Orange Red	2.0	2.6	2.2	3.5	
	LT080SPURWK	LT080PURWK	AlnGaP	637	Ultra Red					

Package Dimensions unit:mm Tolerance:±0.25mm(0.01")

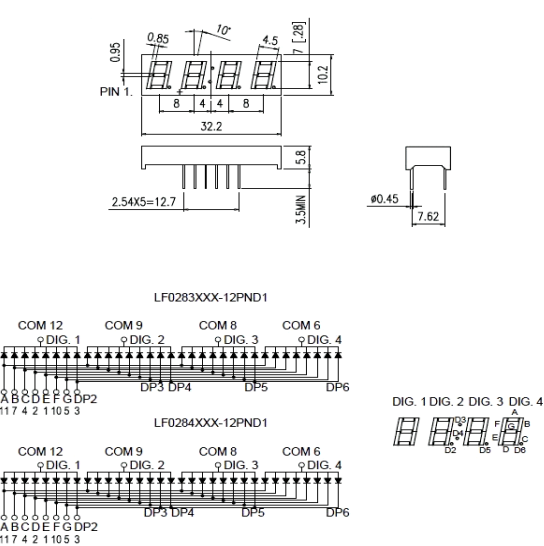
Fig. D-42



Package Size	Part Number		Chip		Face Color	Vf(V) @20mA		Iv(mcd) @20mA		Package Fig.
	Common Cathode	Common Anode	Material	AD (nm)		Typ.	Max.	Min.	Typ.	
 0.28 inch Four Digit	LF0283SGWK-12PND1	LF0284SGWK-12PND1	AlnGaP	570	Super Green	2.2	2.6	4.5	7.8	D-43
	LF0283YWK-12PND1	LF0284YWK-12PND1	GaAsP on Gap	590	Yellow	2.0	2.6	1.5	2.2	
	LF0283AWK-12PND1	LF0284AWK-12PND1	GaAsP on Gap	625	Orange Red	2.0	2.6	1.8	2.8	
	LF0283PURWK-12PND1	LF0284PURWK-12PND1	AlnGaP	637	Ultra Red					

Package Dimensions unit:mm Tolerance:±0.25mm(0.01")

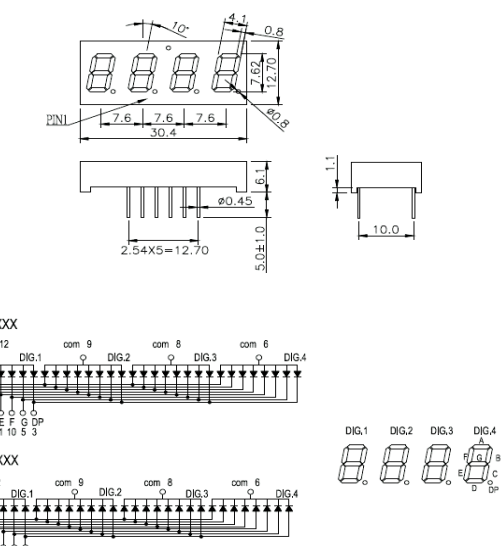
Fig. D-43



Package Size	Part Number		Chip		Face Color	Vf(V) @20mA		Iv(mcd) @20mA		Package Fig.
	Common Cathode	Common Anode	Material	AD (nm)		Typ.	Max.	Min.	Typ.	
 0.3 inch Four Digit	LF030SSGWK	LF030BSGWK	AlnGaP	570	Super Green	2.2	2.6	4.5	7.8	D-44
	LF030SYWK	LF030BYWK	GaAsP on Gap	590	Yellow	2.0	2.6	1.5	2.2	
	LF030SAWK	LF030AAWK	GaAsP on Gap	625	Orange Red	2.0	2.6	1.8	2.8	
	LF030SPURWK	LF030PURWK	AlnGaP	637	Ultra Red	1.9	2.4	4.5	7.5	

Package Dimensions unit:mm Tolerance:±0.25mm(0.01")

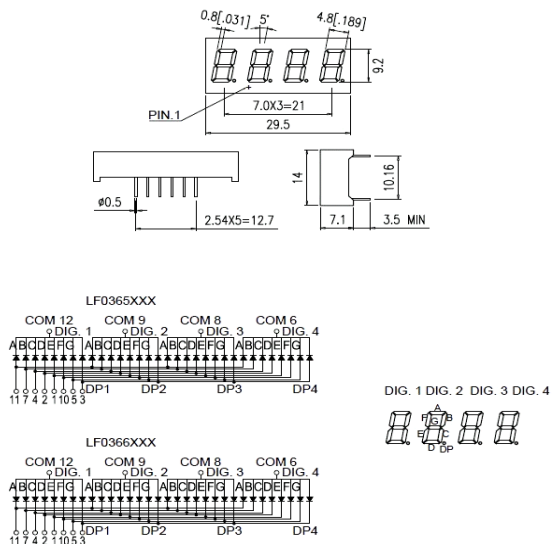
Fig. D-44



Package Size	Part Number		Chip		Face Color	Vf(V) @20mA		Iv(mcd) @20mA		Package Fig.
	Common Cathode	Common Anode	Material	AD (nm)		Typ.	Max.	Min.	Typ.	
	LF0365SGWK	LF0366SGWK	AlInGaP	570	Super Green	2.2	2.6	4.5	7.8	D-45
	LF0365YWK	LF0366YWK	GaAsP on Gap	590	Yellow	2.0	2.6	1.5	2.2	
	LF0365AWK	LF0366AWK	GaAsP on Gap	625	Orange Red	2.0	2.6	1.8	2.8	
	LF0365PURWK	LF0366PURWK	AlInGaP	637	Ultra Red	1.9	2.4	4.5	7.5	

Package Dimensions unit:mm Tolerance:±0.25mm(0.01")

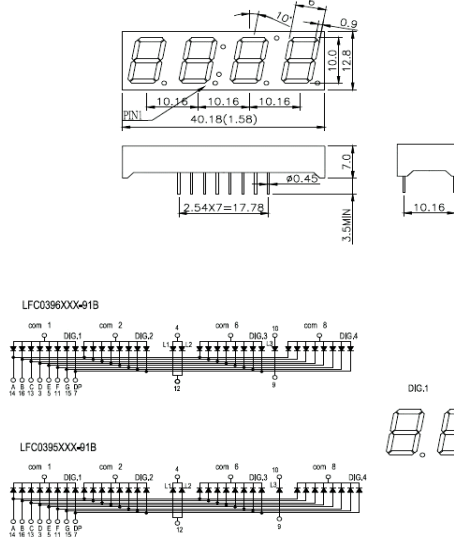
Fig. D-45



Package Size	Part Number		Chip		Face Color	Vf(V) @20mA		Iv(mcd) @20mA		Package Fig.
	Common Cathode	Common Anode	Material	AD (nm)		Typ.	Max.	Min.	Typ.	
	LF0395SGWK-91B	LF0396SGWK-91B	AlInGaP	570	Super Green	2.2	2.6	1.5	2.6	D-46
	LF0395YWK-91B	LF0396YWK-91B	GaAsP on Gap	590	Yellow	2.0	2.6	1.5	2.2	
	LF0395AWK-91B	LF0396AWK-91B	GaAsP on Gap	625	Orange Red	2.0	2.6	1.8	2.8	
	LF0395PURWK-91B	LF0396PURWK-91B	AlInGaP	637	Ultra Red	1.9	2.4	4.5	7.5	
	LF0395BLWK-91B	LF0396BLWK-91B	InGaP	465	Super Blue	3.1	3.6	6.0	10.0	

Package Dimensions unit:mm Tolerance:±0.25mm(0.01")

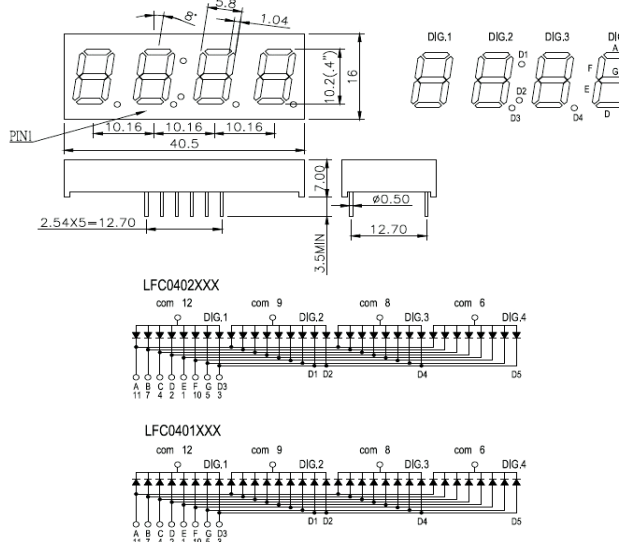
Fig. D-46



Package Size	Part Number		Chip		Face Color	Vf(V) @20mA		Iv(mcd) @20mA		Package Fig.
	Common Cathode	Common Anode	Material	AD (nm)		Typ.	Max.	Min.	Typ.	
	LF0401SGWK	LF0402SGWK	AlInGaP	570	Super Green	2.2	2.6	4.5	7.8	D-47
	LF0401YWK	LF0402YWK	GaAsP on Gap	590	Yellow	2.0	2.6	1.5	2.2	
	LF0401AWK	LF0402AWK	GaAsP on Gap	625	Orange Red	2.0	2.6	1.8	2.8	
	LF0401PURWK	LF0402PURWK	AlInGaP	637	Ultra Red	1.9	2.4	4.5	7.5	
	LF0401BLWK	LF0402BLWK	InGaP	465	Super Blue	3.1	3.6	6.0	10.0	

Package Dimensions unit:mm Tolerance:±0.25mm(0.01")

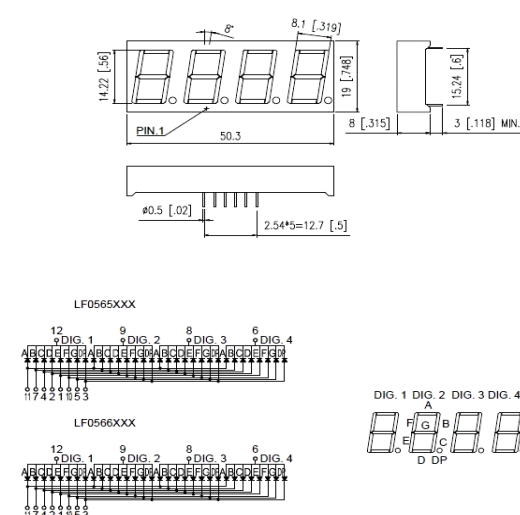
Fig. D-47



Package Size	Part Number		Chip		Face Color	Vf(V) @20mA		Iv(mcd) @20mA		Package Fig.
	Common Cathode	Common Anode	Material	AD (nm)		Typ.	Max.	Min.	Typ.	
	LF0565SGWK	LF0566SGWK	AlInGaP	570	Super Green	2.2	2.6	4.5	7.8	D-48
	LF0565YWK	LF0566YWK	GaAsP on Gap	590	Yellow	2.0	2.6	1.5	2.2	
	LF0565AWK	LF0566AWK	GaAsP on Gap	625	Orange Red	2.0	2.6	1.8	2.8	
	LF0565PURWK	LF0566PURWK	AlInGaP	637	Ultra Red	1.9	2.4	4.5	7.5	
	LF0565BLWK	LF0566BLWK	InGaP	465	Super Blue	3.1	3.6	6.0	10.0	

Package Dimensions unit:mm Tolerance:±0.25mm(0.01")

Fig. D-48





レイترون株式会社

〒611-0041

京都府宇治市槇島町大島13-7

<https://www.raytron-japan.co.jp>

VER.2024.02