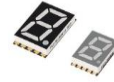


SINGLE DIGIT SMD DISPLAY

NO	PART NUMBER	IF	CHARACTER HEIGHT (in)	DIMENSIONS (mm)
1	FYLS-2011A-BX-XX	10mA	0.20	7.20*10.00*3.00
2	FYLS-2012A-BX-XX	10mA	0.20	7.20*10.00*2.40
3	FYLS-2811A-BX-XX	10mA	0.28	7.50*10.90*4.00
4	FYLS-3011A-BX-XX	10mA	0.30	7.30*12.00*3.75
5	FYLS-3911A-BX-XX	10mA	0.39	9.80*15.00*3.75
6	FYLS-3912A-BX-XX	10mA	0.39	9.80*16.00*2.10
7	FYLS-4011A-BX-XX	10mA	0.40	9.20*15.00*3.75
8	FYLS-4012A-BX-XX	10mA	0.40	9.30*19.00*3.75
9	FYLS-5111A-BX-XX	10mA	0.51	12.50*17.50*3.75
10	FYLS-5611A-BX-XX	10mA	0.56	12.50*19.00*3.75
11	FYLS-5612A-BX-XX	10mA	0.56	12.50*19.00*3.75
12	FYLS-8012A-BX-XX	10mA	0.80	16.80*28.00*3.75



DOUBLE DIGIT SMD DISPLAY

NO	PART NUMBER	IF	CHARACTER HEIGHT (in)	DIMENSIONS (mm)
1	FYLD-2021A-BX-XX	10mA	0.20	14.10*10.00*3.00
2	FYLD-2821A-BX-XX	10mA	0.28	15.10*14.00*3.80
3	FYLD-3021A-BX-XX	10mA	0.30	14.80*12.00*3.75
4	FYLD-3921A-BX-XX	10mA	0.39	19.60*15.00*3.75
5	FYLD-4021A-BX-XX	10mA	0.40	18.80*15.00*3.75
6	FYLD-4021C-DX-XX	10mA	0.40	18.80*15.00*3.75
7	FYLD-5121A-BX-XX	10mA	0.51	24.50*17.50*3.75
8	FYLD-5621A-BX-XX	10mA	0.56	25.00*19.00*3.75
9	FYLD-5622A-BX-XX	10mA	0.56	25.00*19.00*3.75



THREE DIGIT SMD DISPLAY

NO	PART NUMBER	IF	CHARACTER HEIGHT (in)	DIMENSIONS (mm)
1	FYLT-2031A-BX-XX	10mA	0.20	21.30*10.00*3.00
2	FYLT-2032A-BX-XX	10mA	0.20	21.60*10.00*3.60
3	FYLT-2831A-BX-XX	10mA	0.28	22.50*11.00*3.80
4	FYLT-3031A-BX-XX	10mA	0.30	22.30*12.00*3.85
5	FYLT-3031C-DX-XX	10mA	0.30	22.30*12.00*3.85
6	FYLT-3931A-BX-XX	10mA	0.39	29.40*15.00*3.75
7	FYLT-5131A-BX-XX	10mA	0.51	36.75*17.50*3.75
8	FYLT-5631A-BX-XX	10mA	0.56	37.50*19.00*3.80
9	FYLT-5632A-BX-XX	10mA	0.56	37.80*19.00*3.85



FOUR DIGIT SMD DISPLAY

NO	PART NUMBER	IF	CHARACTER HEIGHT (in)	DIMENSIONS (mm)
1	FYLQ-2041A-BX-XX	10mA	0.20	28.50*10.00*3.00
2	FYLQ-2841A-BX-XX	10mA	0.28	30.00*11.00*3.80
3	FYLQ-2841C-DX-XX	10mA	0.28	30.00*11.00*3.80
4	FYLQ-3041A-BX-XX	10mA	0.30	29.20*12.00*3.85
5	FYLQ-4041A-BX-XX	10mA	0.40	39.80*13.00*3.75
6	FYLQ-5141A-BX-XX	10mA	0.51	49.00*17.50*3.75
7	FYLQ-5641A-BX-XX	10mA	0.56	50.30*19.00*3.75



General Technical Information

Absolute Maximum Ratings

Parameter	Symbol	Test Condition	Min	Max	Unit
Reverse Voltage	VR	IR=30	5	—	V
Forward Current	IF	—	—	30	mA
Power Dissipation	Pd	—	—	100	mW
Pulse Current	Ipeak	Duty=0.1mS,1KHz	—	150	mA
Operating Temperature	Topr	—	-40	+85	°C
Storage Temperature	Tstr	—	-40	+85	°C

Electrical-Optical Characteristics

Emitting Color		Dice Material	Peak Wave Length(λP)	Spectral Line halfwidth (Δλ1/2)	Typ	Max	Luminous Intensity (Iv) Unit:mcd
Standard brightness							
S	Hi Red	AlGaInP	660nm	20nm	2,0	2,5	10~20
D	Super Red	AlGaAs/DH	650nm	20nm	2,0	2,5	15~30
E	Orange	GaAsP	625nm	35nm	2,0	2,5	10~21
A	Amber	GaAsP	610nm	35nm	2,0	2,5	10~20
Y	Yellow	GaAsP	590nm	35nm	2,0	2,5	10~20
G	Yellow Green	AlGaInP	570nm	10nm	2,0	2,5	10~20
B	Blue	InGaN	460nm	60nm	3,0	3,8	9~20(mw)
B	Blue	InGaN	470nm	60nm	3,0	3,8	9~20(mw)
W	White	InGaN/GaN	X=0.29,Y=0.30	CCT:9500K	3,0	3,8	60~120~180
Ultra brightness							
UHR	Ultra Hi Red	AlGaInP	640nm	20nm	2,0	2,5	20~50
UR	Ultra Red	AlGaInP	635nm	20nm	2,0	2,5	40~70
UE	Ultra Orange	AlGaInP	625nm	20nm	2,0	2,5	40~85
UA	Ultra Amber	AlGaInP	610nm	20nm	2,0	2,5	30~105
UY	Ultra Yellow	AlGaInP	590nm	20nm	2,0	2,5	30~135
UG	Ultra Yellow Green	AlGaInP	570nm	30nm	2,0	2,5	20~60
PG	Pure Green	InGaN	520nm	36nm	3,0	3,8	350~450
UB	Ultra Blue	InGaN/GaN	460nm	30nm	3,0	3,8	120~180
UB	Ultra Blue	InGaN/GaN	470nm	30nm	3,0	3,8	120~180
UW	Ultra White	InGaN/GaN	X=0.29,Y=0.30	CCT:9500K	3,0	3,8	280~600
Segment-to-Segment Luminous Intensity ratio(Iv-M)						1.5:1	

For more details, data-sheets, samples and further information you are welcome to contact us