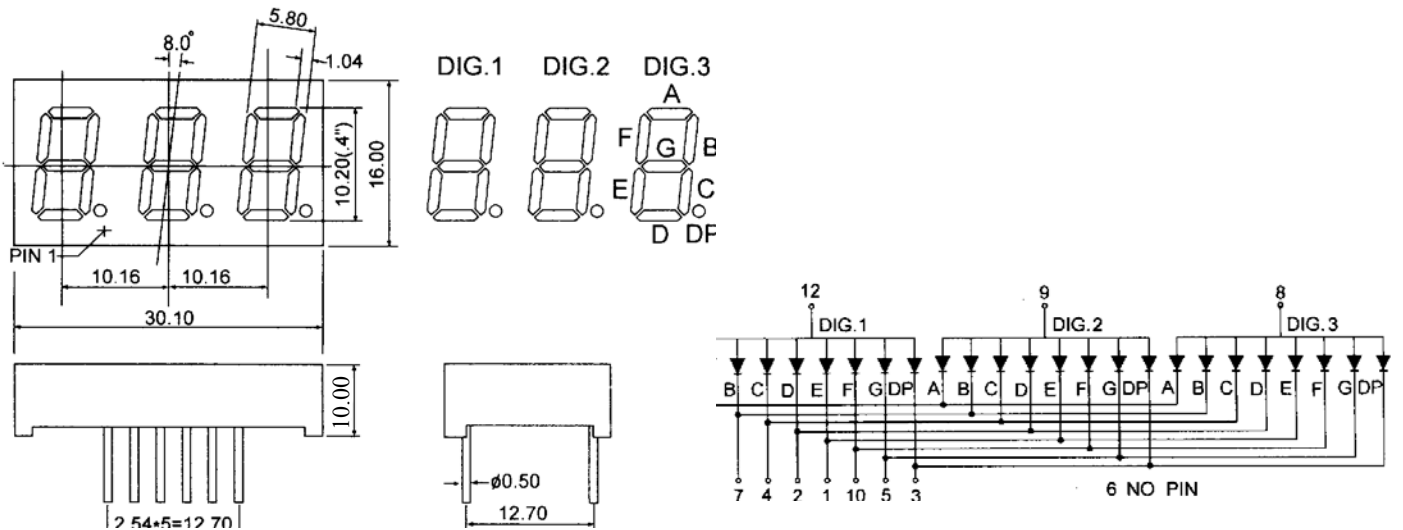
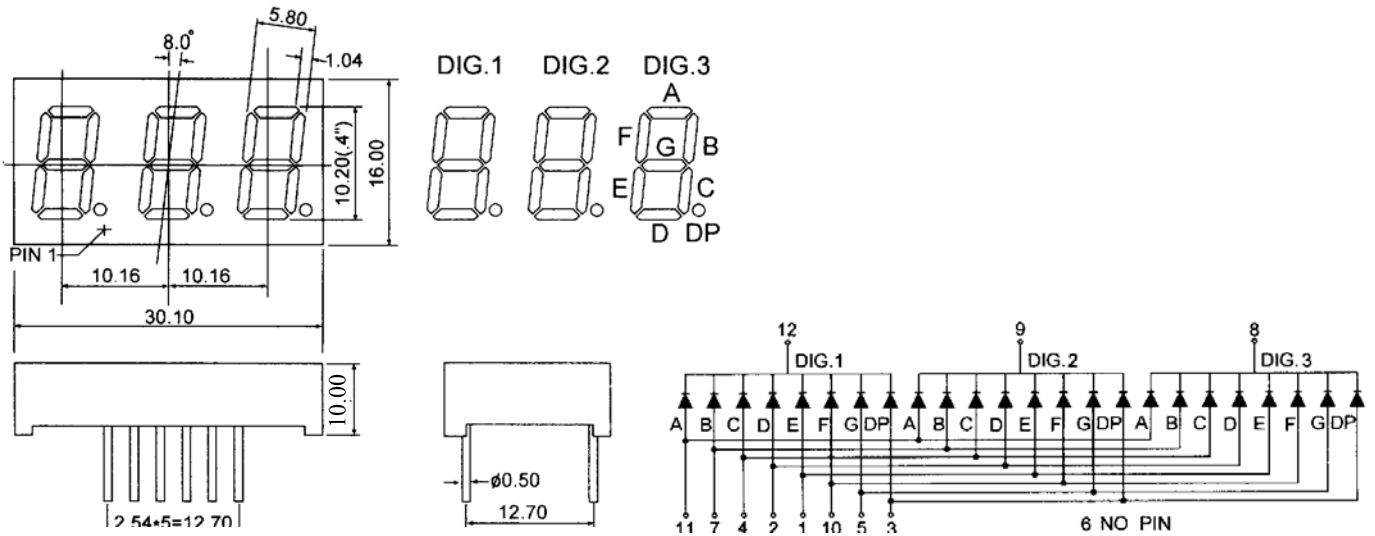


Model: HLX4031GAS/4301GAS/SM320401K HLX4031GBS/43011GBS/SM310401K



### ELECTRICAL-OPTICAL CHARACTERISTICS(Ta=25°C)

PartNO.	C.C Or C.A	Emitted Color	$\lambda_P$ (nm)	Electro-Optical Characteristics IF=20mA				
				IV(mcd)/seg		VF(v)		IF (Rec)
				Min	Typ	Typ	Max	
HLX4031GASR	C.C	Red	640	0.3	0.65	2.2	2.5	5~10
HLX4031GASG		Green	571	0.8	2	2.2	2.5	10~20
HLX4031GASY		Yellow	585	0.7	2	2.1	2.5	10~20
HLX4031GASHN		Orange	610	0.8	2	2	2.5	10~20
HLX4031GASH		High Red	630	4	8	1.8	2.3	10~20
HLX4031GBSR	C.A	Red	640	0.3	0.65	2.2	2.5	5~10
HLX4031GBSG		Green	571	0.8	2	2.2	2.5	10~20
HLX4031GBSY		Yellow	585	0.7	2	2.1	2.5	10~20
HLX4031GBSHN		Orange	610	0.8	2	2	2.5	10~20
HLX4031GBSH		High Red	630	4	8	2	2.3	10~20