湖 南 长 富 电 子 有 限 公 司

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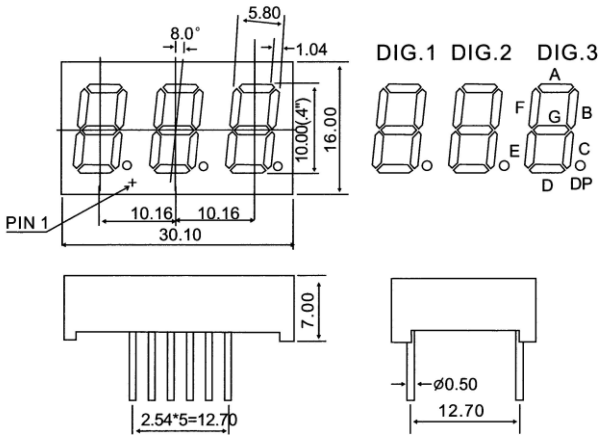
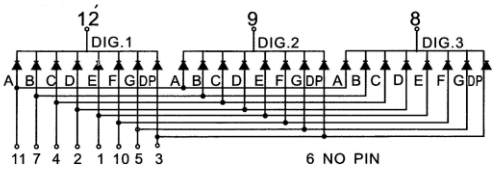
Tel:0731-88910304 Fax:0731-88910309

Model：LF30401CB/CSR/CSG/CSY

ABSOLUTE MAXIMUN RATINGS(Ta=25℃)

PARAMETER		Blue	Hi-Red	Green	Yellow	UNIT
Reverse voltage	Vr	5	5	5	5	V
Forward current	If	20	20	20	20	mA
Peak forward current	Ipeak	150	150	150	150	mA
Power dissipation	Pt	120	105	105	105	mW
Operating temperature	Ta	-40~+85	-40~+85	-40~+85	-40~+85	℃
Storage temperature	Tsta	-40~+85	-40~+85	-40~+85	-40~+85	℃

ELECTRICAL-OPTICAL CHARACTERISTICS(Ta=25℃)

Part NO.	Wavelength (nm)		Forward Voltage IF=20mA (v)		Reverse Current VR=5v(uA)	Luminous Intensity IF=20mA(ucd)
	λP	△λ	TYP	MAX	MAX	TYP
LF30401CB	465	2.5	3.2	3.5	20	60000
LF30401CSR	640	5	2.0	2.5	20	30000
LF30401CSG	570	5	2.2	2.5	20	10000
LF30401CSY	585	5	2.1	2.4	20	10000

PACKAGE DIMENSION&INTERNAL CIRCUIT DIAGRAM：