

Dongguan Houjie Keming Electronic Factory

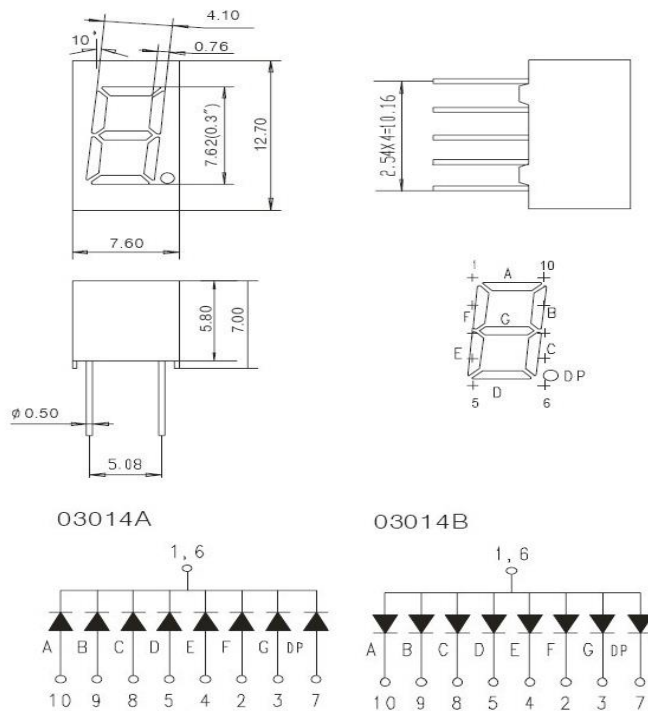
Specifications of Seven segment LED display

Part: KEM-3014-BSR

Features:

Size	7.60mm*12.70mm
Digit height	0.30 inch
Digit number	one
Lens color	white
Face color	black
Emitting color	super red
Pin configuration	common anode

Package dimension:



☆ABSOLUTE MAXIMUM RATINGS (Ta=25°C)

ITEM	SYMBOL	RATING	UNIT
Power Dissipation Per Segment	Pd	66	mW

Peak Forward Current Per Segment (1/10Duty Cycle,0.1ms Pulse Width)	Ifp	40	mA
Continuous Forward Current Per Segment	If	25	mA
Reverse Voltage Per Segment	Vr	5	V
Reverse Current Per Segment	Ir	20	uA
Operating Temperature Range	Ta	-35~+85	°C
Storage Temperature Range	Tstg	-35~+85	°C
Lead Solder Temperature	260°C for 3 sec		

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

Parameter	Symbol	Condition	Min	Typ	Max	Unit
Forward Voltage Per Segment	Vf	If=20mA		1.8	2.5	V
Peak Emission Wavelength	λ_p	If=20mA		625	640	nm
Spectral Lin Half-Width	$\Delta \lambda$	If=20mA		20		nm
Average Luminous Intensity Per Segment	Iv	If=20mA		100		mcd
Segment-to-Segment Luminous	Iv-M	If=20mA	1.5:1			

☆Notes:

1. All dimensions are in millimeters(inches).
2. Tolerance is $\pm 0.25\text{mm}(0.01\text{'})$ unless otherwise specified.
3. Lead spacing is measured where the leads emerge from the package.
4. Specifications are subject to change without notice.