



YETDA INDUSTRY LTD.

0.8" SINGLE DIGIT ORANGE ALPHANUMERIC DISPLAY

S-8013RAF11

DESCRIPTION

- * 0.8" (20.32mm) Inch Digit Height.
- * Super Bright Orange Display.
- * Black Face and White Segment Color.
- * Common Cathode.

ABSOLUT MAXIMUM RATINGS AT Ta=25°C

Parameter		UNIT
Power Dissipation Per Seg. & Dot	40	mW
Peak Forward Current Per Seg. & Dot	120	mA
Forward current Per Seg. & Dot (Static)	30	mA
Reverse Voltage Per Seg. & Dot	5	V
Operation Temperature Range	-25°C TO +80°C	°C
Storage Temperature Range	-25°C TO +100°C	°C
Lead Soldering Temperature	260 for 3 seconds 1.6mm(1/16 inch) from body	

ELECTRICAL/OPTICAL CHARACTERISTIC AT Ta=25°C

PARAMETER	SYMBOL	MIN.	TYP.	MAX.	UNIT	CONDITION
Average Luminous Intensity	I _v	30	45		mcd	I _F =20mA
Emission Wavelength	λ		605		nm	I _F =20mA
Forward Voltage Per Seg.	V _F		2.0	2.4	V	I _F =20mA
Reverse Current Per Seg.	I _R			10	uA	V _R =5V
Luminous Intensity Matching Ratio	I _v -m			2 : 1		I _F =20mA

