



# YETDA INDUSTRY LTD.

## 0.39" FOUR DIGIT ORANGE & RED LED DISPLAY Q-3945AD/AFUF11

### DESCRIPTION

- \* 0.39" (10mm) Inch Digit Height.
- \* Super Bright Soft Orange & Super Bright Red Display.
- \* Black Face and White Segment Color.
- \* Common Cathode.

### ABSOLUT MAXIMUM RATINGS AT Ta=25°C

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

### ELECTRICAL/OPTOTICAL CHARACTERISTIC AT Ta=25°C

#### ORANGE

PARAMETER	SYMBOL	MIN.	TYP.	MAX.	UNIT	CONDITION
Average Luminous Intensity	Iv	30	45		mcd	If=20mA
Emission Wavelength	λ d		606		nm	If=20mA
Forward Voltage Per Seg.	Vf		2.0	2.4	V	If=20mA
Reverse Current Per Seg.	Ir			10	uA	Vr=5V
Luminous Intensity Matching Ratio	Iv-m	2 : 1				If=20mA

### ELECTRICAL/OPTOTICAL CHARACTERISTIC AT Ta=25°C

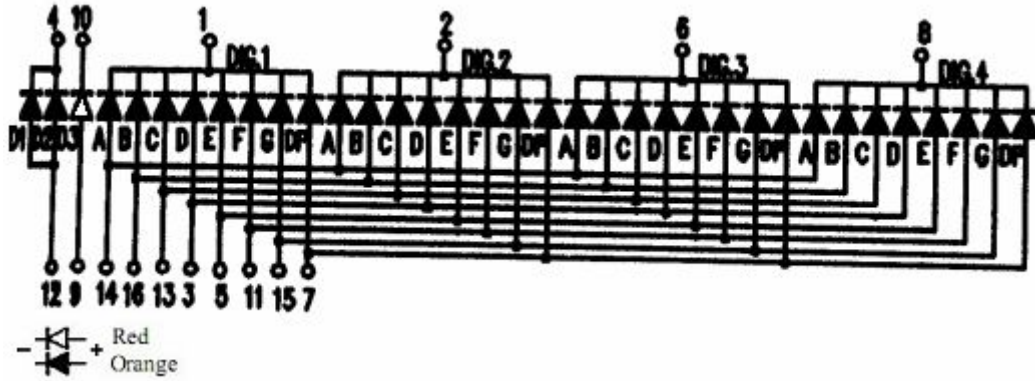
#### RED

PARAMETER	SYMBOL	MIN.	TYP.	MAX.	UNIT	CONDITION
Average Luminous Intensity	Iv	50	60		mcd	If=20mA
Emission Wavelength	λ d		625		nm	If=20mA
Forward Voltage Per Seg.	Vf		2.0	2.4	V	If=20mA
Reverse Current Per Seg.	Ir			10	uA	Vr=5V
Luminous Intensity Matching Ratio	Iv-m	2 : 1				If=20mA

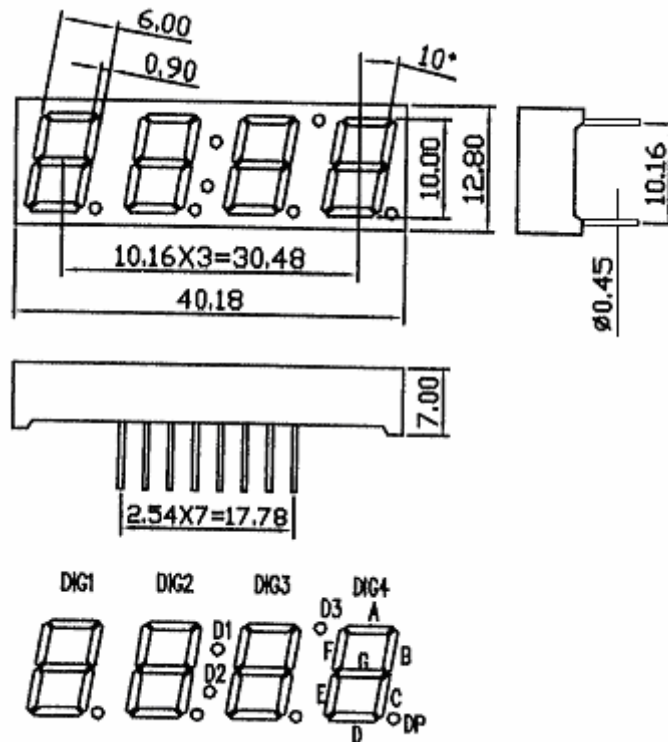


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### P.C.B. Pin Connection



### Reflector Dimensions



Unit:mm