

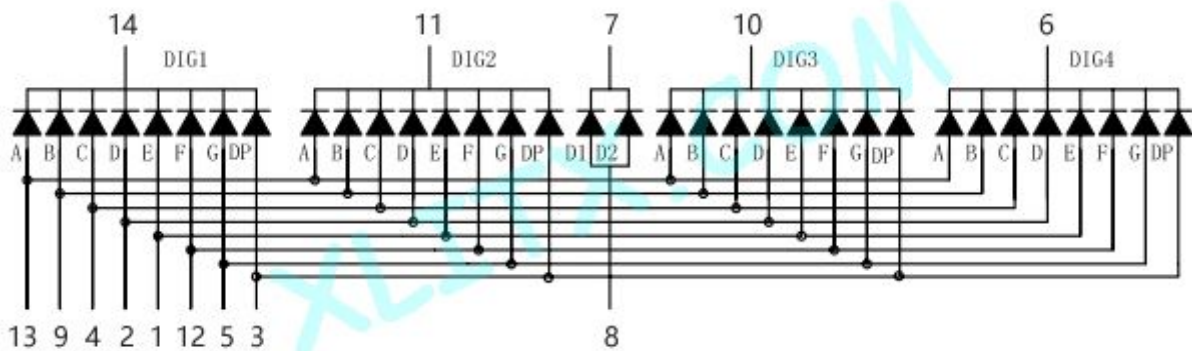
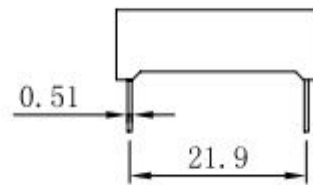
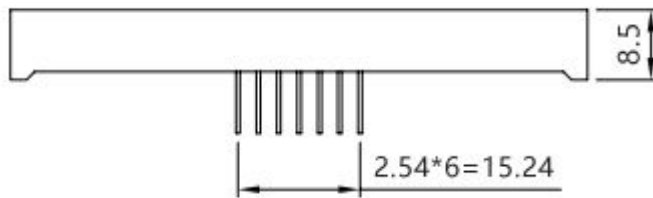
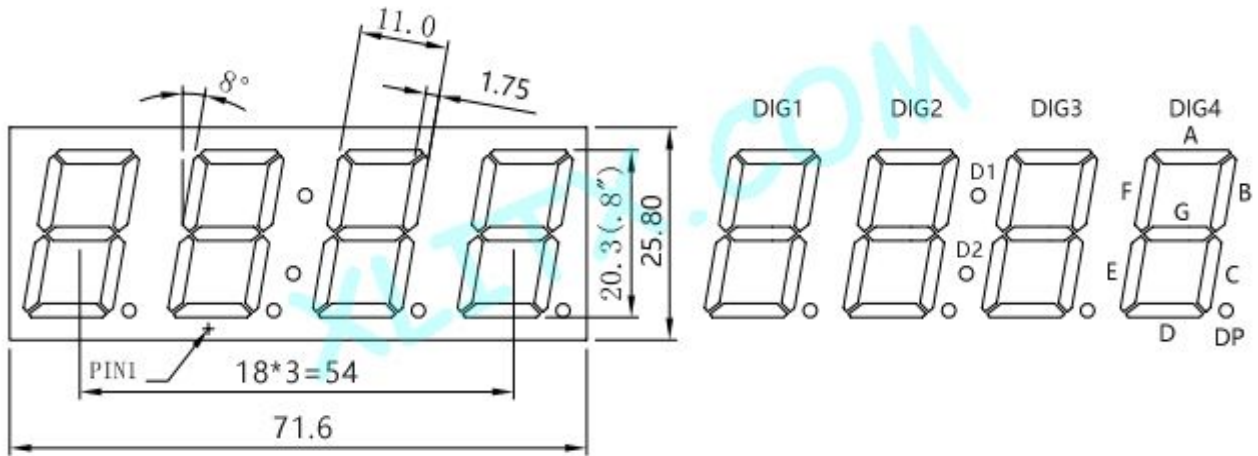


Model : 8042AB
Size : 0.80-inch
Emitting color : Blue
Mode : Common-Cathode (CC)
Digit : 4-Digit
Category : LED 7-Segment Display
Maker : XLITX Technology

Prices : \$1.39 = 100 Pieces \$1.08 = 500 Pieces \$1.05 = 1000 Pieces (Free shipping)

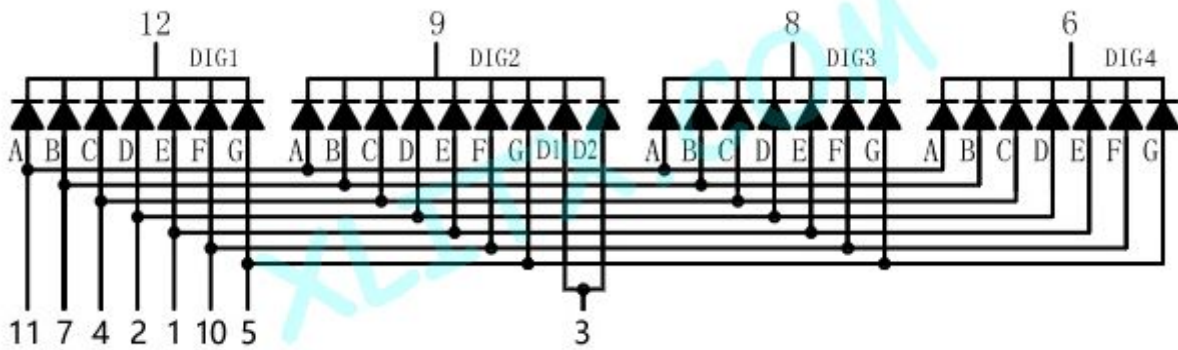
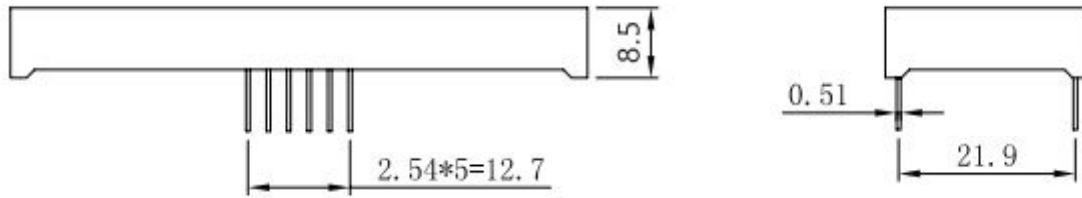
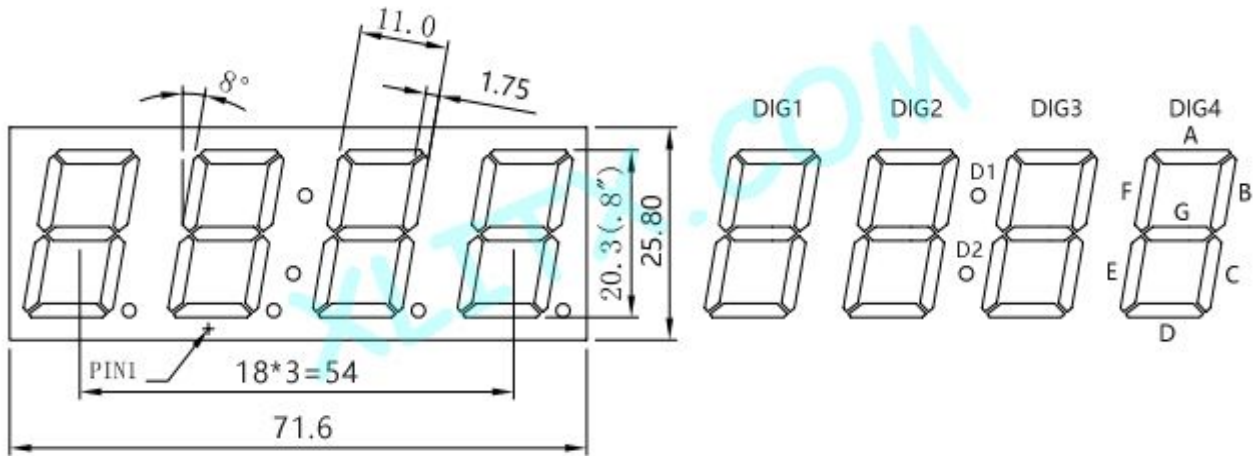
Dimension & Diagram

Type-I



Dimension & Diagram

Type-II



Blue Electro-Optical Parameter

1. Electro-Optical Characteristics(Ta=25°C)

PARAMETER	SYMBOL	DEVICES (Blue)		UNIT	TEST CONDIONS
		TYP	MAX		
Peak Emission Wavelengrth	λ_p	470		nm	IF=10mA
Forward Voltage	VF	3.5		V	IF=10mA
Reverse Current	IR		50	μ A	VR=5V
Segment To Segment (Dot To Dot) Luminonous Intensity Ratio	IV-M	1.5:1			IF=20

2. Absolute Maximun Ratings(Ta=25°C)

PARAMETER	SYMBOL	DEVICES (Blue)	UNIT
Power Dissipation Per Dice	pad	70	mw
Derating Linear From 25°C Per Dice		0.27	mA/°C
Continuous Forward Current Per Dice	laf	30	mA
Peak Forward Ourrent Per Dice (Duty Cycle 1/10,10KHz)	lpf	100	mA
Reverse Voltage Per Dice	Vr	5	V
Operating Temperature	Topr	-20°C (to) +75°C	
Storage Temperature	Tstg	-20°C (to) +85°C	
Solder Temperature		1.6 Inch Below Seating Place for 5 seconds at 230°C	

3. Electro-Optical Curve

