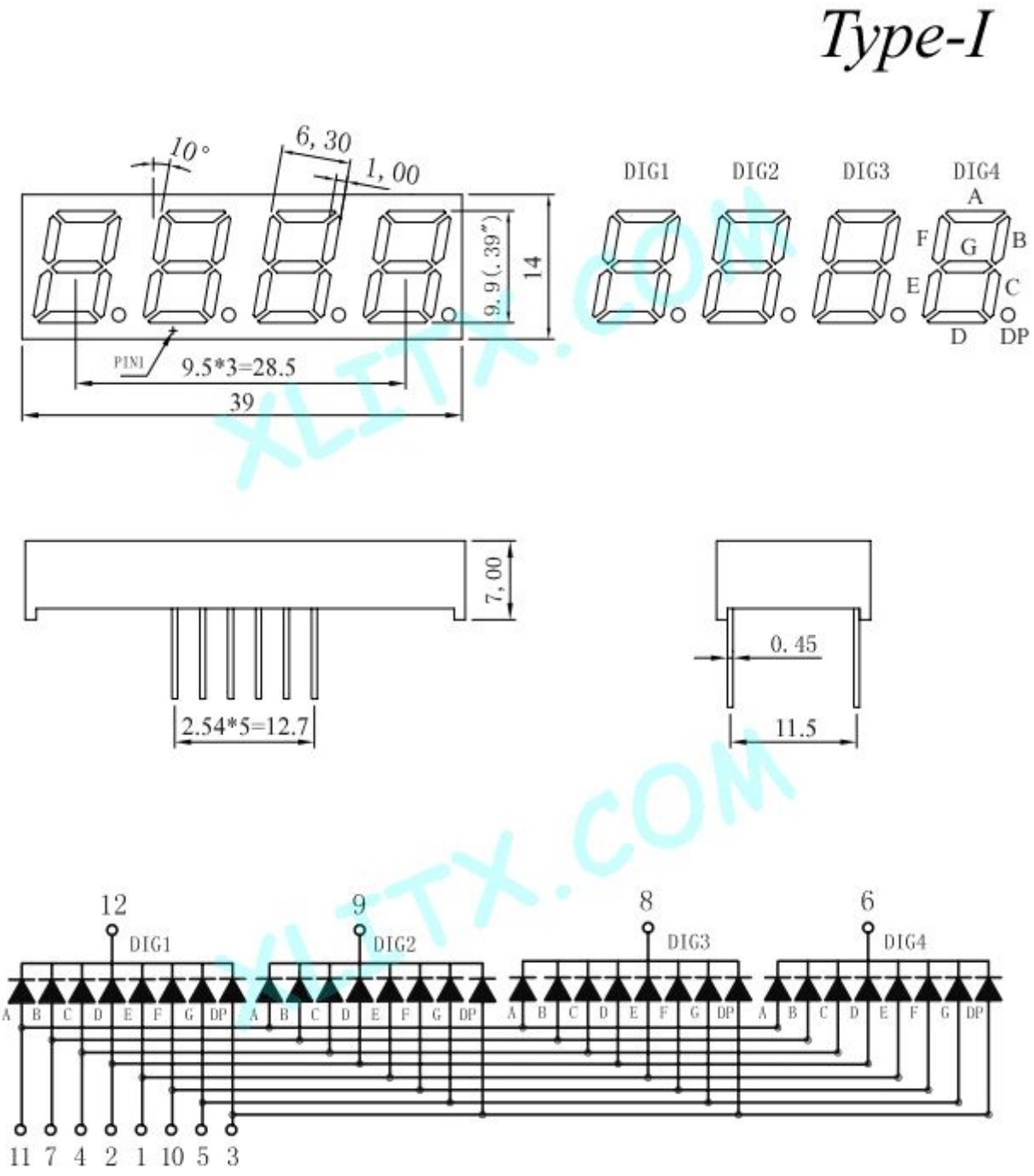
Model :	CL3944AH
Size :	0.39-inch
Emitting color :	Red (Ultra-Bright)
Mode :	Common-Cathode (CC)
Digit :	4-Digit
Category :	LED 7-Segment Display
Maker :	XLITX Technology

Prices : $0.83 = 100 Pieces $0.50 = 500 Pieces $0.48 = 1000 Pieces (Free shipping)

Contact Email HF@xlitx.com

Dimension & Diagram



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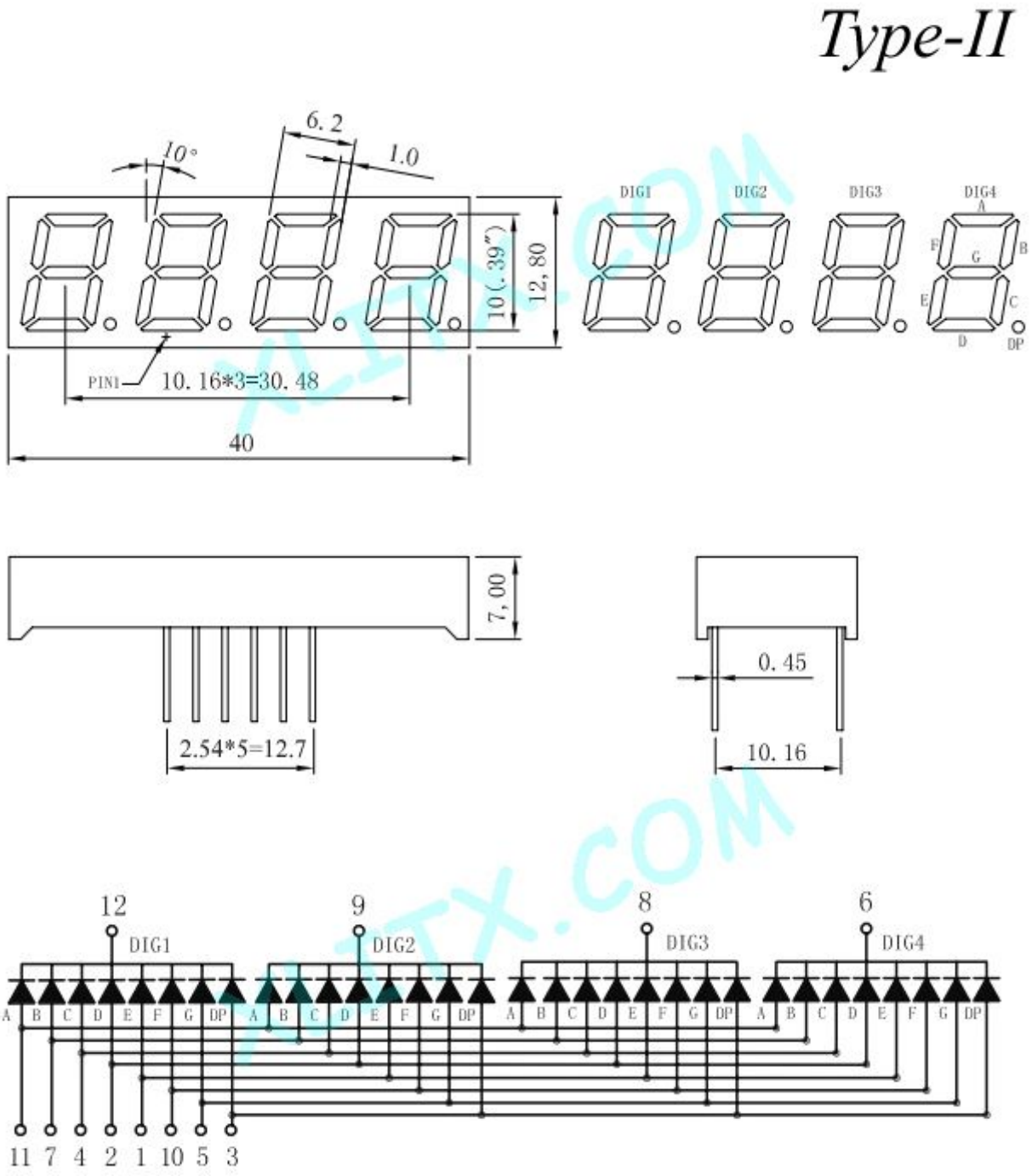
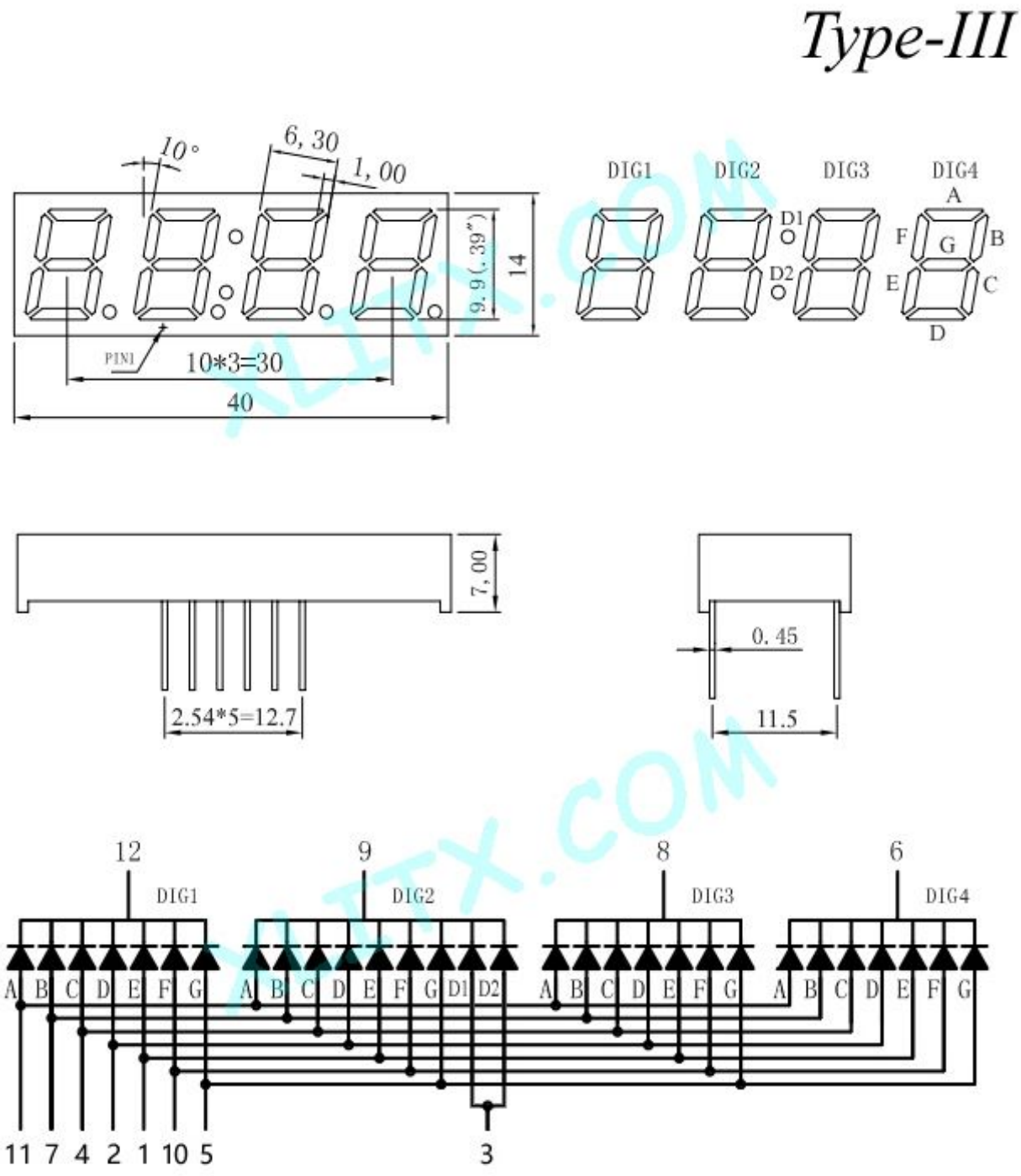
Dimension & Diagram



Dimension & Diagram



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Ultra-Bright Red Electro-Optical Parameter

1. Electro-Optical Characteristics(Ta=25℃)

PARAMETER	SYMBOL	DEVICES (ULTRA-BRIGHT RED)		UNIT	TEST CONDIONS
		TYP	MAX		
Peak Emission Wavelengrth	λp	640		nm	IF=10mA
Forward Voltage	VF	1.8		V	IF=10mA
Reverse Current	IR		50	μA	VR=5V
Segment To Segment (Dot To Dot) Luminonous Intensity Ratio	IV-M	1.5:1			IF=20

2. Absolute Maximun Ratings(Ta=25℃)

PARAMETER	SYMBOL	DEVICES (ULTRA-BRIGHT RED)	UNIT
Power Dissipation Per Dice	pad	100	mw
Derating Linear From 25℃ Per Dice		0.5	mA/℃
Continuous Forward Current Per Dice	laf	30	mA
Peak Forward Ourrent Per Dice (Duty Cycle 1/10,10KHz)	lpf	200	mA
Reverse Voltage Per Dice	Vr	5	V
Operating Temperature	Topr	-20℃ (to) +75℃	
Storage Temperature	Tstg	-20℃ (to) +85℃	
Solder Temperature		1.6 Inch Below Seating Place for 5 seconds at 230℃	

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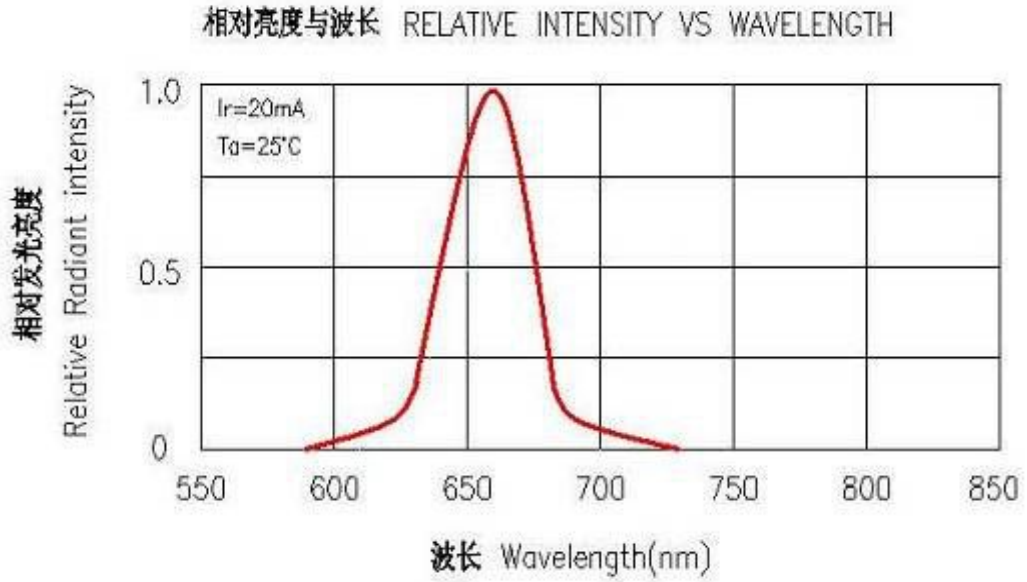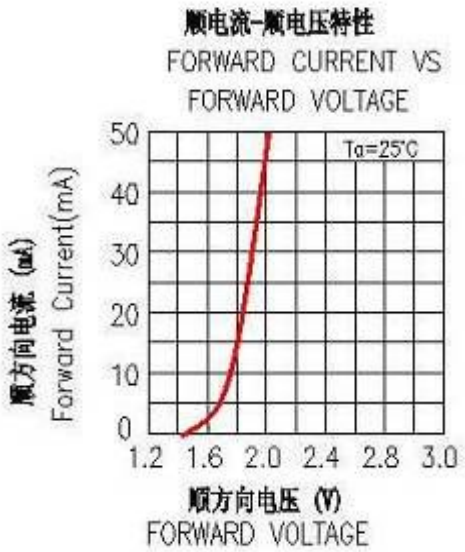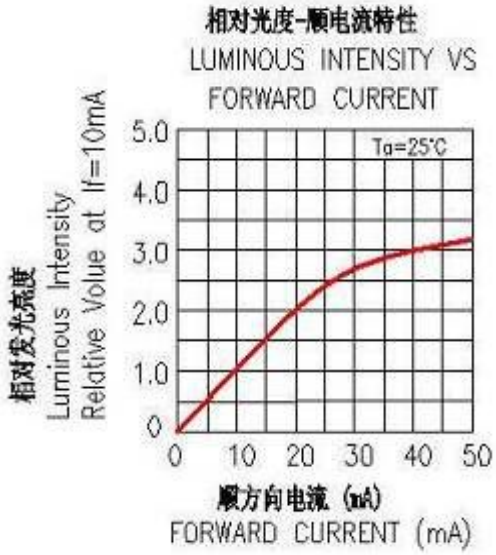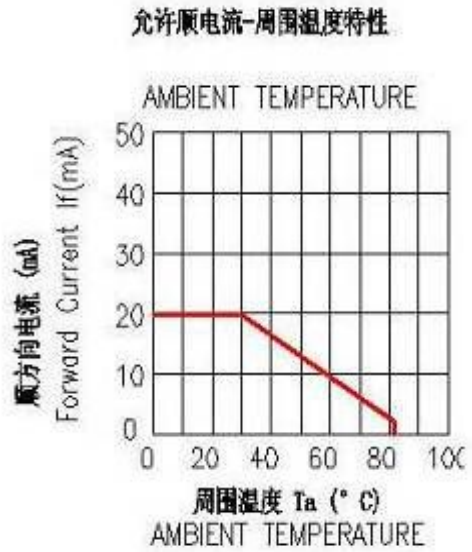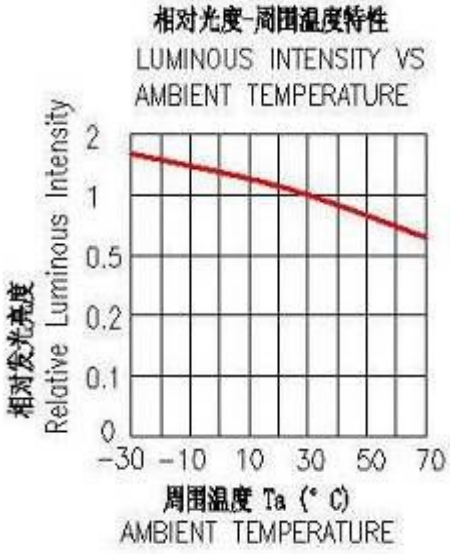
3. Electro-Optical Curve