查询MAN3G10供应商



## 0.3 Inch (7.62mm) COMPACT NUMERIC FRAME DISPLAY

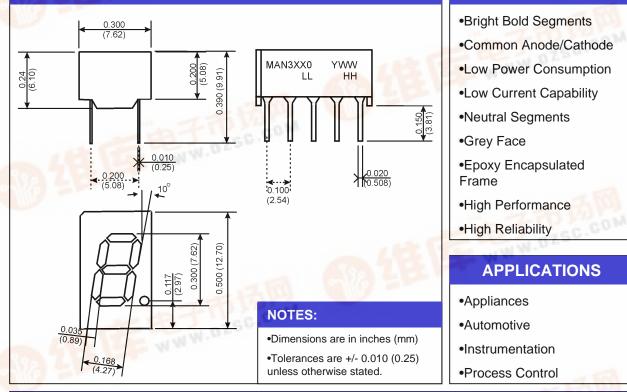
<mark>捷多邦,专业PCB打样工厂,24小时加急出货</mark>

# AllnGaP Red (630nm) MAN3H10, MAN3H40 AllnGaP Red (642nm) MAN3R10, MAN3R40 AllnGaP Yellow MAN3Y10, MAN3Y40 GaP Green MAN3G10, MAN3G40

PACKAGE DIMENSIONS

TR/QTS/030100-001

FEATURES



#### **MODELS AVAILABLE**

Part Number	Colour	Description	Special
MAN3H10	AllnGaP 630n	m Single Digit, RHDP, Common Anode	Low Current Capability
MAN3H40	AllnGaP 630n	m Single Digit, RHDP, Common Cathode	Low Current Capability
MAN3R10	AllnGaP 642n	m Single Digit, RHDP, Common Anode	Low Current Capability
MAN3R40	AllnGaP 642n	m Single Digit, RHDP, Common Cathode	Low Current Capability
MAN3Y10	AllnGaP Yello	w Single Digit, RHDP, Common Anode	Low Current Capability
MAN3Y40	AllnGaP Yello	w Single Digit, RHDP, Common Cathode	Low Current Capability
MAN3G10	GaP Green	Single Digit, RHDP, Common Anode	Low Current Capability
MAN3G40	GaP Green	Single Digit, RHDP, Common Cathode	Low Current Capability

fer (For other colour options, contact your local area Sales Manager) df.dzsc.com FAIRCHILD

SEMICONDUCTOR

# 0.3 Inch (7.62mm) COMPACT NUMERIC FRAME DISPLAY

<b>ABSOLUTE MAXIMUM RATINGS</b> <sup>(1)</sup> ( $T_A = 25^{\circ}C$ , unless otherwise specified)									
Part Number	MAN3H10	MAN3R10	MAN3Y10	MAN3G10					
Parameter	MAN3H40	MAN3R40	MAN3Y40	MAN3G40	Units				
Continuous Forward Current	25	25	25	25	mA				
(each segment)									
Peak Forward Current	100	100	100	100	mA				
(F = 10KHz, D/F = 1/10)									
Power Dissipation (P <sub>D</sub> )	60	60	60	60	mW				
*Derate Linearly from 25°C	0.36	0.36	0.36	0.36	mW				
Reverse Voltage per Die 5 Volts									
Operating and Storage Temperature Range -40°C to +85°C									
Lead soldering time (1/16 inch from standoffs) 5 seconds @ 230°C									

<b>ELECTRO-OPTICAL CHARACTERISTICS</b> <sup>(1)</sup> ( $T_A = 25^{\circ}C$ , unless otherwise specified)							
Part Number	MAN3H10	MAN3R10	MAN3Y10	MAN3G10			
Parameter	MAN3H40	MAN3R40	MAN3Y40	MAN3G40	Units	Test Condition	
Luminous intensity <sup>(2)</sup> (I <sub>v</sub> )							
Minimum (Standard Current)	6000	4000	8000	1500	ucd	I <sub>F</sub> = 10mA	
Typical (Standard Current)	7800	5800	12800	2500	ucd	I <sub>F</sub> = 10mA	
Minimum (Low Current)	510	510	510	510	ucd	I <sub>F</sub> = 2mA	
Typical (Low Current)	1000	1000	1000	1000	ucd	I <sub>F</sub> = 2mA	
Forward Voltage (V <sub>F</sub> )							
Typical (Standard Current)	2.05	2.05	2.05	2.05	Volts	I <sub>F</sub> = 10mA	
Maximum (Standard Current)	2.45	2.45	2.45	2.45	Volts	I <sub>F</sub> = 10mA	
Typical (Low Current)	1.80	1.80	1.80	1.80	Volts	I <sub>F</sub> = 2mA	
Maximum (Low Current)	2.20	2.20	2.20	2.20	Volts	I <sub>F</sub> = 2mA	
Peak Wavelength	632	639	591	565	nm	I <sub>F</sub> = 10mA	
Dominant Wavelength	624	631	585	570	nm	I <sub>F</sub> = 10mA	
Spectral Line 1/2 Width	20	20	20	20	nm	I <sub>F</sub> = 10mA	
Reverse B <sup>(3)</sup> .Voltage (V <sub>R</sub> )	5	5	5	5	Volts	I <sub>R</sub> = 100uA	

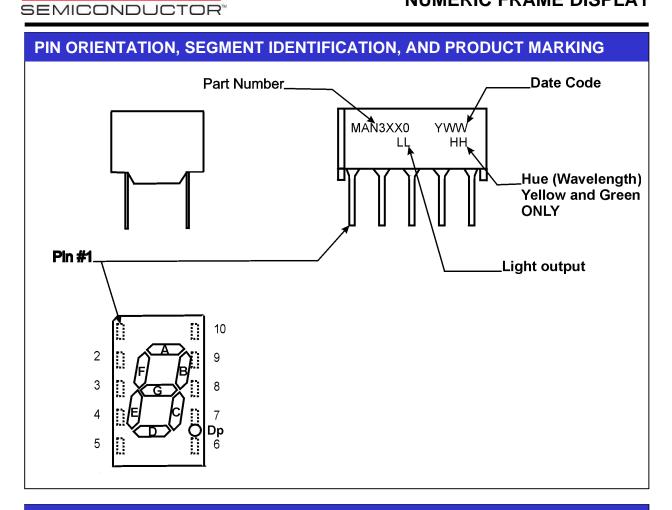
NOTES: (1) Data par individual L

(1) Data per individual LED element

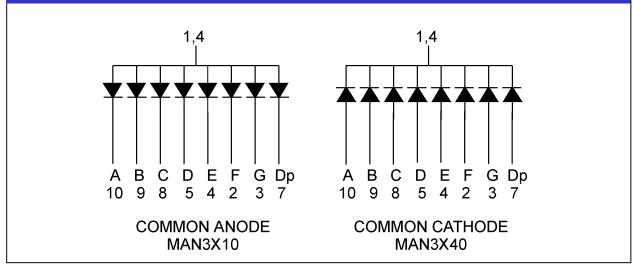
(2) Luminous intensity (ucd) = average light output per segment

(3) B = breakdown

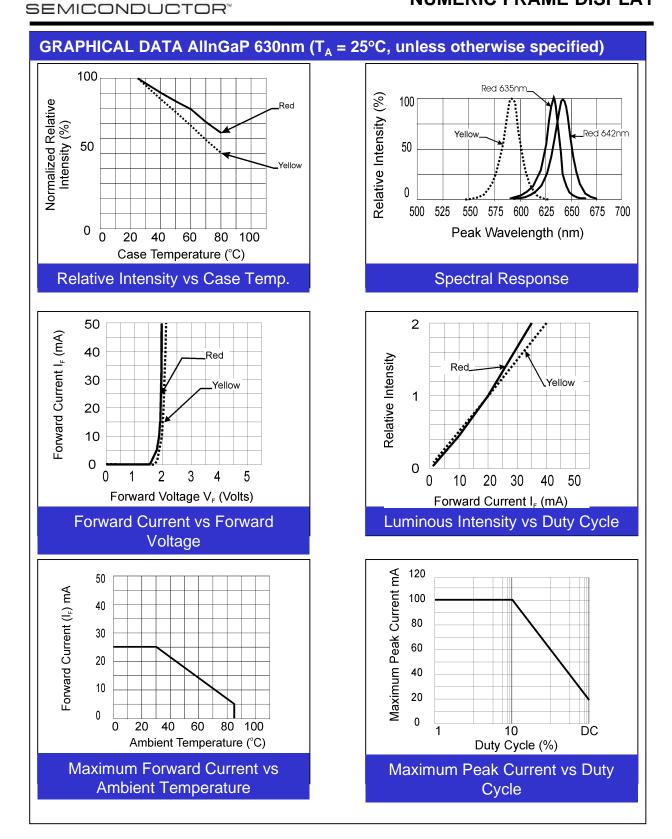




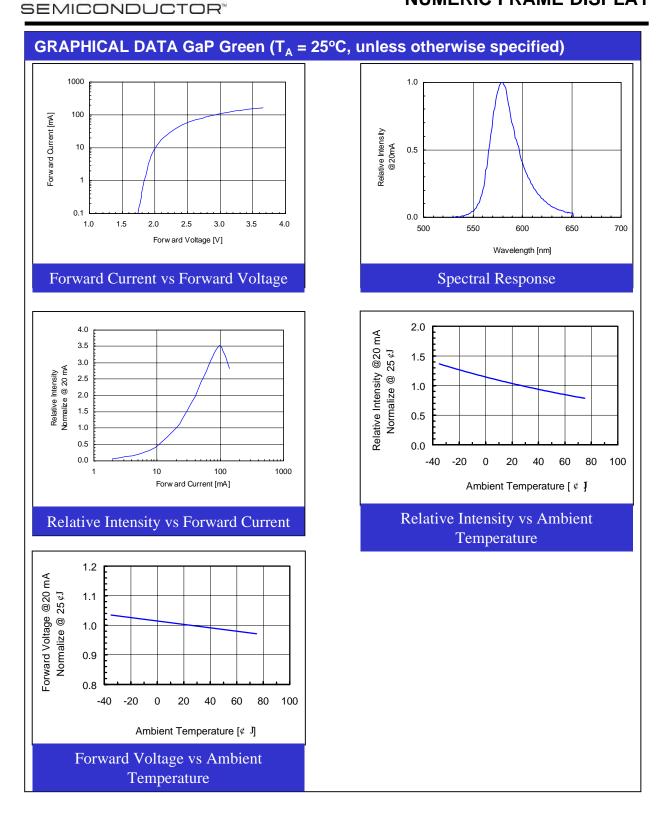














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- 2. A critical component in any component of a life support device or system whose failure to perform can be reasonably expected to cause the failure of the life support device or system, or to affect its safety or effectiveness.