FN1-030XX00GW Range

0.31" (7.8 mm) Single Digit 7 Segment Display

Features:

- High segment intensity
- Wide viewing angle
- · Range of colours
- · Grey face colour
- White segment colour

Available options:

- Alternative face and segment colour
- Alternative font
- Long terminal pins
- Alternative emitting colour
- Low current version

Font design

Product not shown actual size



Electro / Optical Characteristics - I_F = 20 mA (* HE Blue - I_F = 10 mA) T_a = 25° C

Part Number	Part Number Common Anode	Emitting Colour	Wavelength Peak λ _P	Forward Voltage V _F		Luminous Intensity I _V	
Common Cathode				typical	max	min	typical
FN1-0301L00GW	FN1-0302L00GW	GaAlAs Red	660	1.85	2.00	-	12
FN1-0301300GW	FN1-0302300GW	HE Red	640	2.05	2.50	-	3
FN1-0301Y05300GW	FN1-0302Y05300GW	Yellow	591	2.05	2.40	-	18
FN1-0301200GW	FN1-0302200GW	Green	568	2.10	2.50	-	5
FN1-0301B0500GW	FN1-0302B0500GW	* HE Blue	465	3.70	4.00	-	4
FN1-0301B0100GW	FN1-0302B0100GW	Blue	428	3.80	4.50	-	2
Units			nm	V		mcd / seg. (digit average)	

Maximum Ratings $T_a = 25^{\circ} C$ - Derate above 25° C

Characteristic	Condition		Symbol	Rating	Units
Pulse Forward Current	0.1 duty cycle @ 1KHz	(HE Blue)	I _{FP}	100 (35)	mA
DC Forward Current		(HE Blue)	Ι _F	25 (15)	mA
Reverse Voltage	I _R = 10 μA		V_{R}	5	V
Operating Temperature			T_{opr}	- 25 to + 80	° C
Storage Temperature			T_{stg}	- 30 to + 85	° C
Lead soldering temperature 1.6 mm from body - max 3 seconds				260	° C

Note

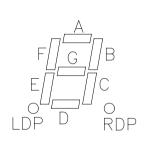
Industry standard procedures regarding static must be observed when handling product produced with blue die material.

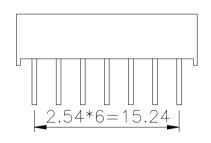


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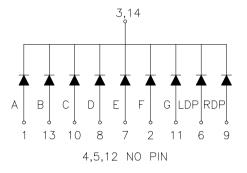
Package Outline

PIN 9.00 7.80(10.06 Ø0.45

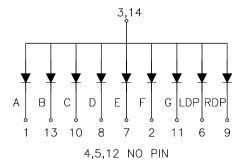




Common Cathode



Common Anode



Tolerance ± 0.25 mm unless stated



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