

FN1-031XX0SGW

0.3" (7.6mm) Single Digit 7 Segment Display



- Features:
- High segment intensity
 - Wide viewing angle
 - Range of colours
 - Grey face colour
 - White diffused segment

Electro / Optical Characteristics $I_f = 20\text{mA}$ $T_a = 25^\circ\text{C}$

Part Number Common Cathode	Part Number Common Anode	Emitting Colour	Wavelength		Forward Voltage V_F		Luminous Intensity I_v	
			Peak λ_p	Dom. λ_D	typical	max	min	typical
FN1-0311R3400GW	FN1-0312R3400GW	AlGaInP Red	-	640	1.90	2.30	-	36
FN1-0311300GW	FN1-0312300GW	HE Red	640	-	2.05	2.50	-	3
FN1-0311Y05300GW	FN1-0312Y05300GW	Yellow	591	-	2.05	2.40	-	18
FN1-0311200GW	FN1-0312200GW	Green	568	-	2.10	2.50	-	5
FN1-0311B2200GW	FN1-0312B2200GW	Blue	-	460	3.20	3.70	-	12
FN1-0311B2300GW	FN1-0312B2300GW	Blue	-	470	3.20	3.70	-	12
Units			nm		V		mcd/seg. (digit average)	

Maximum Ratings $T_a = 25^\circ\text{C}$

Characteristic	Condition	Symbol	Rating	Units
DC Forward Current		I_f	100	mA
Pulse Forward Current	$\leq 0.1\text{ms}$	I_{fM}	25	mA
Reverse Forward Voltage	$I_f = 10\mu\text{A}$	V_r	5	V
Operating Temperature		T_{op}	-25 - +80	$^\circ\text{C}$
Storage Temperature		T_{stg}	-30 - +85	$^\circ\text{C}$
Lead solder temperature	1.6mm from body – max 3 seconds		260	$^\circ\text{C}$

Note

Industry standard procedures regarding static must be observed when handling product.

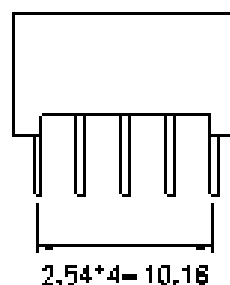
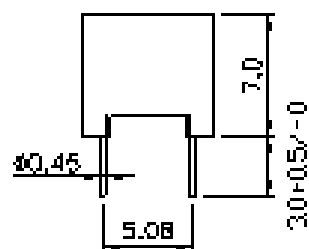
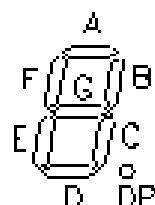
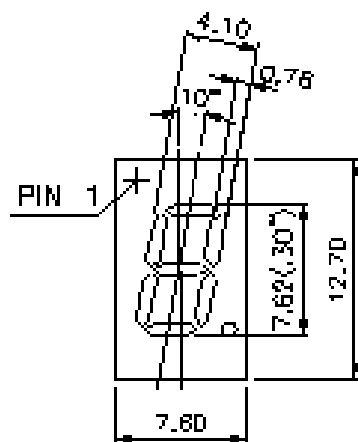
It is the responsibility of the customer to verify the suitability of the product for the application.



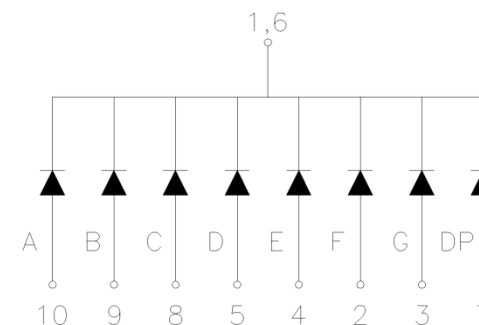
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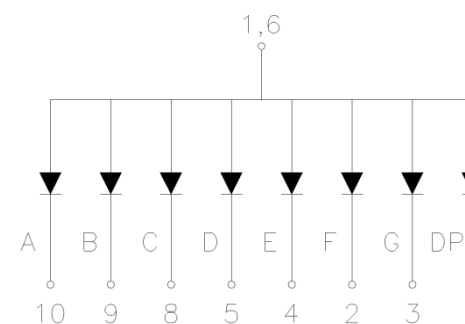
Package Outline



Common Cathode



Common Anode



Dimensions in mm Tolerance $\pm 0.25\text{mm}$ unless stated