FEM-080XX0BGW Range — 0.80" (20 mm) Standard Interlocking 7 Segment Display

Features:

- BOTTOM DP and COMMA
- High segment intensity
- Wide viewing angle
- Range of colours
- Grey face colour, White segment colour

Available options:

- Alternative face and segment 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 Common Cathode	Part Number Common Anode	Emitting Colour	Wavelength Peak λ_P	Forward Voltage V_F		Luminous Intensity I_V	
				typical	max	min	typical
FEM-0801L0BGW	FEM-0802L0BGW	GaAlAs Red	660	1.85	2.00		28
FEM-080130BGW	FEM-080230BGW	HE Red	640	2.05	2.50		7
FEM-0801Y0530BGW	FEM-0802Y0530BGW	Yellow	591	2.05	2.40		42
FEM-080120BGW	FEM-080220BGW	Green	568	2.10	2.50		13
FEM-0801B050BGW	FEM-0802B050BGW	* HE Blue	465	3.70	4.00		9
FEM-0801B010BGW	FEM-0802B010BGW	Blue	428	3.80	4.50		6
Units			nm	V		mcd / seg. (digit average)	

Maximum Ratings T_a = 25° 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)	I_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.

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

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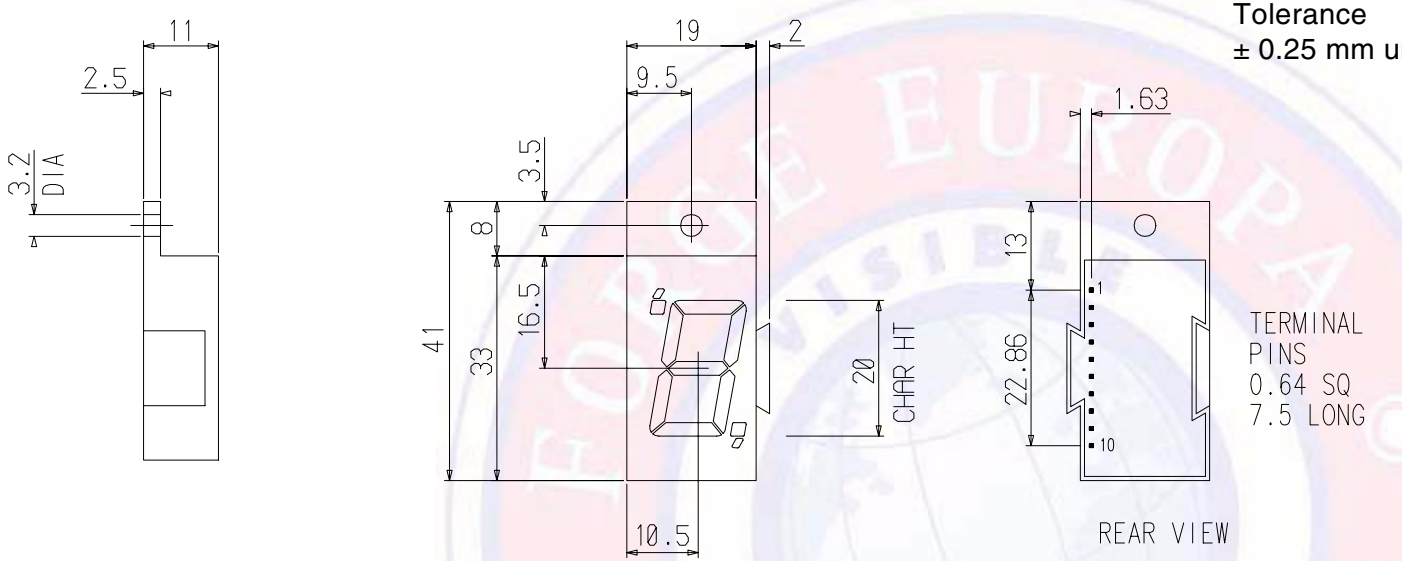
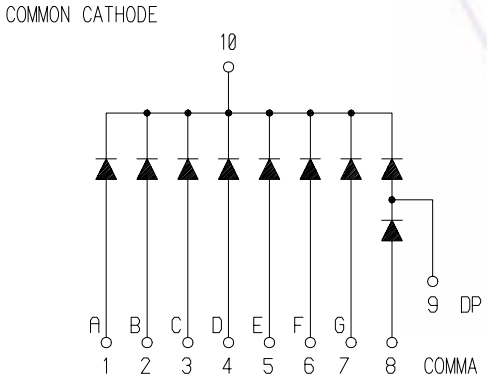
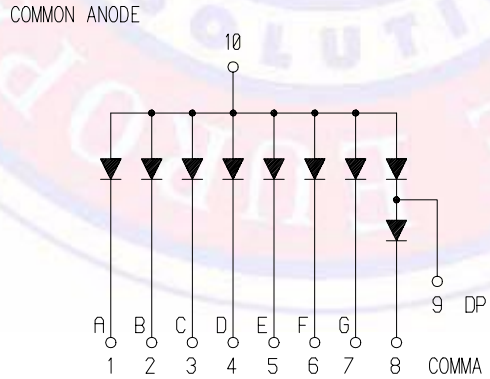
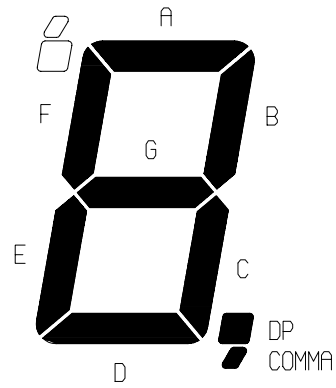
Package Outline and Diagram









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