

Features:

- High segment intensity
- Extra wide viewing angle
- Single or multiple digit modules by interlocking
- Lightweight
- Grey face colour, White segment colour

Available options:

- Black face and red segment colour

Font design

Product not shown
actual size



◆ Also available from **Farnell**

Electro / Optical Characteristics $I_F = 80 \text{ mA / segment}$ 20 mA DP $T_a = 25^\circ \text{ C}$
***B05 & G05** $I_F = 40 \text{ mA / segment}$ 10 mA DP $T_a = 25^\circ \text{ C}$

Part Number Common Cathode	Part Number Common Anode	Emitting Colour	Wavelength Peak λ_p	Segment Fwd Voltage V_F		Luminous Intensity I_V	
				typical	max	min	typical
FEM-7901R0300GW ◆	FEM-7902R0300GW ◆	Red	660	10.50	12.50		1640
FEM-7901R0100GW ◆	FEM-7902R0100GW ◆	Red	660	9.25	10.00		950
FEM-7901Y05500GW	FEM-7902Y05500GW	Yellow	591	10.25	12.00		2510
FEM-7901G0100GW ◆	FEM-7902G0100GW ◆	Green	568	10.50	12.50		740
FEM-7901G0500GW ◆	FEM-7902G0500GW ◆	* Green	518	18.50	20.00		1600
FEM-7901B0500GW ◆	FEM-7902B0500GW ◆	* Blue	465	18.50	20.00		530
Units			nm	V		mcd / seg. (digit average)	

Maximum Ratings / segment $T_a = 25^\circ \text{ C}$ (Derate above 25° C)

Characteristic	Condition	Symbol	Rating	Units
Pulse Forward Current	0.1 duty cycle @ 1KHz (B05 & G05)	I_{FP}	400 (140)	mA
DC Forward Current	(B05 & G05)	I_F	100 (60)	mA
Reverse Voltage	$I_R = 10 \mu\text{A}$	V_R	20	V
Operating Temperature		T_{opr}	- 25 to + 80	$^\circ \text{C}$
Storage Temperature		T_{stg}	- 30 to + 85	$^\circ \text{C}$
Lead soldering temperature	1.6 mm from body - max 3 seconds		260	$^\circ \text{C}$

Note

Industry standard procedures regarding static must be observed when handling product produced with blue and green (518nm) die material.

Package Outline and Diagram

