

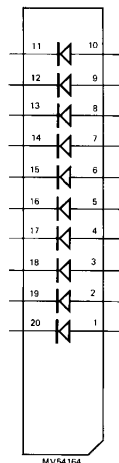


**ELECTRO-OPTICAL CHARACTERISTICS**

(25°C Free Air Temperature Unless Otherwise Specified)

CONDITIONS	MIN	TYP	MAX	UNITS	TEST
Forward voltage (HER, Green, Yellow)		2.2	3.0	V	$I_f = 10 \text{ mA}$
Luminous intensity (average)	510	1800		$\mu\text{Cd}$	$I_f = 10 \text{ mA}$
Peak emission wavelength					
High efficiency red (HER)		630		nm	
Green		562		nm	
Yellow		585		nm	
Spectral line half width		40		nm	
Dynamic resistance — segment		26		ohm	$I_f = 20 \text{ mA}$
Switching time		500		ns	
Reverse voltage		6.0		V	$I_R = 100 \mu\text{A}$

**INTERNAL CIRCUIT DIAGRAMS**



**Pin connections**

<u>Electrical</u>		<u>Electrical</u>	
Pin No	connections	Pin No	connections
1	Bar 1 anode	11	Bar 10 cathode
2	Bar 2 anode	12	Bar 9 cathode
3	Bar 3 anode	13	Bar 8 cathode
4	Bar 4 anode	14	Bar 7 cathode
5	Bar 5 anode	15	Bar 6 cathode
6	Bar 6 anode	16	Bar 5 cathode
7	Bar 7 anode	17	Bar 4 cathode
8	Bar 8 anode	18	Bar 3 cathode
9	Bar 9 anode	19	Bar 2 cathode
10	Bar 10 anode	20	Bar 1 cathode

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**MULTICOLOR BARGRAPH SEGMENT COLOR**

Segment	MV5A164	MV5B164	MV5C164	MV5D164	MV5E164
1	HER	HER	Green	Green	Green
2	HER	HER	Green	Green	Yellow
3	HER	Yellow	Green	Green	Yellow
4	Yellow	Yellow	Green	Green	Yellow
5	Yellow	Green	Green	Green	Yellow
6	Yellow	Green	Green	HER	Yellow
7	Yellow	Yellow	Yellow	HER	Yellow
8	Green	Yellow	Yellow	HER	HER
9	Green	HER	Yellow	HER	HER
10	Green	HER	HER	Yellow	HER

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