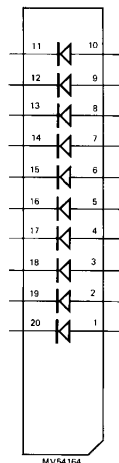


ELECTRO-OPTICAL CHARACTERISTICS

(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		μCd	$I_f = 10 \text{ mA}$
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



MULTICOLOR BARGRAPH

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2. A critical component in any component of a life support device or system whose failure to perform can be reasonably expected to cause the failure of the life support device or system, or to affect its safety or effectiveness.