

## SEVEN SEGMENT NUMERIC DISPLAY

High efficiency AlGaInP Super Yellow LED Chip.  
 0.56 inch Character Height  
 High Contrast  
 Wide Viewing Angle  
 Common Anode - MY256A-X  
 Common Cathode - MY256C-X

### ABSOLUTE MAXIMUM RATINGS (Ta=25°C)

Power Dissipation / Segment	90mW
Peak Forward Current / Segment	200mA
Continuous Forward Current / Segment	30mA
Reverse Voltage / Segment	5V
Operating Temperature Range	-20 to +85°C
Storage Temperature Range	-20 to +85°C

\* Note : Pulse Width = 1mS, Duty Ratio = 1/10.

### ELECTRO-OPTICAL CHARACTERISTICS (Ta=25°C) / segment

PARAMETER	SYMBOL	MY256A/C-1	MY256A/C-2	MY256A/C-3	UNIT	CONDITIONS
Forward Voltage	MAX VF	3.0	3.0	3.0	V	IF=20mA
Luminous Intensity	MIN IV	6.5	10	15	mcd	IF=10mA
	TYP	10	15	20		
Segment to Segment Luminous Intensity Ratio	MAX	2:1	2:1	2:1		IF=20mA
Reverse Current	MAX IR	100	100	100	μA	VR=5V
Peak Wavelength	TYP λp	595	595	595	nm	IF=20mA
Spectral Line Half Width	TYP Δλ	15	15	15	nm	IF=20mA



MICRO ELECTRONICS LTD.

38, Hung To Road, Microtron Building, Kwun Tong, Kowloon, Hong Kong.  
 Kwun Tong P.O. Box 69477 Hong Kong. Fax No. 2341 0321 Telex:43510 Micro Hk. Tel: 2343 0181-5

Mar-99

