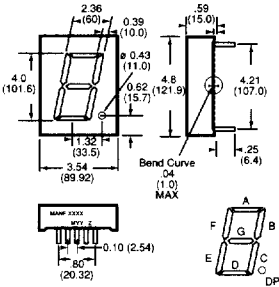


NUMERIC SEGMENTED DISPLAYS

4.0" Single Digit Stick Displays										
Part Number	Description	Source Color	Wave-length λ (nm)	Segment Color	Face Color	Forward Voltage V_F (V)		Luminous Intensity I_V (μ cd)		
						typ	max	min	typ	
MANF260C	Common Anode; RHDP		660	White	Grey	9.0	12.5		9000	
MANF280C	Common Cathode; RHDP									
MANF460C	Common Anode; RHDP		570	White	Grey	10.5	14.0		7900	
MANF480C	Common Cathode; RHDP									
MANF960C	Common Anode; RHDP		635	White	Grey	10.0	14.0		6300	
MANF980C	Common Cathode; RHDP									

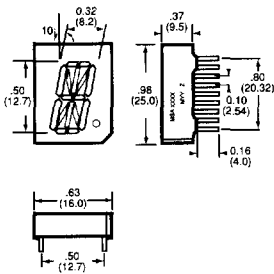


	Part Number	Notes
<p>The diagrams show the pinout for MANFX60C and MANFX80C. The MANFX60C has pins A (7), B (6), C (4), D (3), E (2), F (9), G (10), and DP (5). The MANFX80C has pins A (7), B (6), C (4), D (3), E (2), F (9), G (10), and DP (5). A small diagram above shows the segment layout with pins 1-10 and 7-6.</p>	MANF260C	4, 24
	MANF280C	4, 24
	MANF460C	4, 24
	MANF480C	4, 24
	MANF960C	4, 24
	MANF980C	4, 24

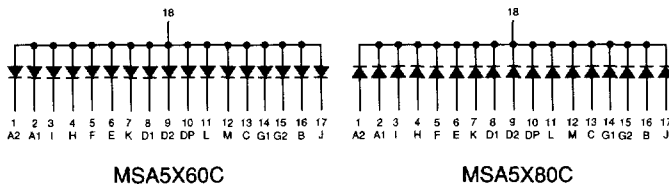
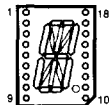
Notes:

- 4. V_F & I_V @ $I_F = 20$ mA
 - 24. MANXXX represents the product part number, MYY is the date code, Z refers to the light intensity category for the product.
 - 31. See font detail on page 140.
 - 32. MSAXXXX represents the product part number, MYY is the date code, Z refers to the light intensity category for the product.
- HER = High Efficiency Red.

0.5" Alphanumeric 16 Segment Stick Displays									
Part Number	Description	Source Color	Wave-length λ (nm)	Segment Color	Face Color	Forward Voltage V_F (V)		Luminous Intensity I_V (μ cd)	
						typ	max	min	typ
MSA5160C	Common Anode; RHDP	Black	697	White	Grey	2.1	2.6	320	750
MSA5180C	Common Cathode; RHDP								
MSA5360C	Common Anode; RHDP	Yellow	585	White	Grey	2.1	2.8	800	2200
MSA5380C	Common Cathode; RHDP								
MSA5460C	Common Anode; RHDP	Black	570	White	Grey	2.1	2.8	800	2000
MSA5480C	Common Cathode; RHDP								
MSA5960C	Common Anode; RHDP	Black	635	White	Grey	2.0	2.8	800	2000
MSA5980C	Common Cathode; RHDP								



Part Number	Notes
MSA5180C	4, 31, 32
MSA5360C	4, 31, 32
MSA5380C	4, 31, 32
MSA5460C	4, 31, 32
MSA5480C	4, 31, 32
MSA5960C	4, 31, 32
MSA5980C	4, 31, 32



Notes

31.

