

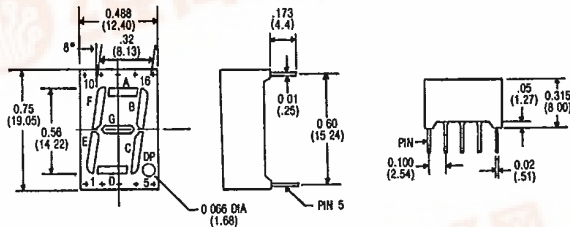
MARKTECH INTERNATIONAL 18E D ■ 5799655 0000347 7 ■

# SINGLE DIGIT SEVEN SEGMENT DISPLAY

T-41-33

## 0.56" DIGIT SIZE - R.H.D.P.

PART NO.	PEAK WAVE-LENGTH $\lambda$ P (nm)	EMITTED COLOR	MAXIMUM RATINGS					OPTO-ELECTRICAL CHARACTERISTICS							Pin-Out
			$I_F$ (mA)	$V_R$ (V)	$P_D$ (mW)	$T_{opr}$ (°C)	$T_{stg}$ (°C)	$V_F$ (V)			$I_R$ ( $\mu$ A)		$I_V$ ( $\mu$ cd)		
								typ.	max.	@ mA	max.	@ $V_R$	typ. per seg.	@ mA	
MTN1156-ASR	655	Red	25	3	100	-40 ~ 85	-55 ~ 100	1.7	2.0	20	100	3	500	10	1
MTN2156-AG	567	Green	25	5	85	-40 ~ 85	-55 ~ 100	2.1	3.0	20	100	5	1850	10	1
MTN4156-AO	635	Orange	25	5	85	-40 ~ 85	-55 ~ 100	2.1	3.0	20	100	5	2000	10	1
MTN4156-AHR	635	Hi-Eff Red	25	5	85	-40 ~ 85	-55 ~ 100	2.1	3.0	20	100	5	2000	10	1
MTN1156-CSR	655	Red	25	3	100	-40 ~ 85	-55 ~ 100	1.7	2.0	20	100	3	500	10	2
MTN2156-CG	567	Green	25	5	85	-40 ~ 85	-55 ~ 100	2.1	3.0	20	100	5	1850	10	2
MTN4156-CO	635	Orange	25	5	85	-40 ~ 85	-55 ~ 100	2.1	3.0	20	100	5	2000	10	2
MTN4156-CHR	635	Hi-Eff Red	25	5	85	-40 ~ 85	-55 ~ 100	2.1	3.0	20	100	5	2000	10	2



### PINOUT 1

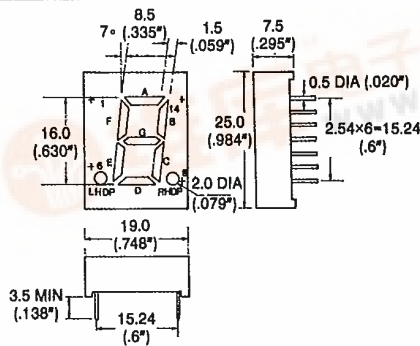
- PIN # FUNCTION
- 1. CATHODE E
- 2. CATHODE D
- 3. COMMON ANODE
- 4. CATHODE C
- 5. CATHODE DP
- 6. CATHODE B
- 7. CATHODE A
- 8. COMMON ANODE
- 9. CATHODE F
- 10. CATHODE G

### PINOUT 2

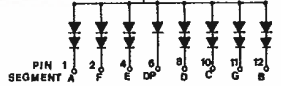
- PIN # FUNCTION
- 1. ANODE E
- 2. ANODE D
- 3. COMMON CATHODE
- 4. ANODE C
- 5. ANODE DP
- 6. ANODE B
- 7. ANODE A
- 8. COMMON CATHODE
- 9. ANODE F
- 10. ANODE G

## 0.63" DIGIT SIZE - L.H.D.P.

PART NO.	PEAK WAVE-LENGTH $\lambda$ P (nm)	EMITTED COLOR	MAXIMUM RATINGS					OPTO-ELECTRICAL CHARACTERISTICS							Pin-Out
			$I_F$ (mA)	$V_R$ (V)	$P_D$ (mW)	$T_{opr}$ (°C)	$T_{stg}$ (°C)	$V_F$ (V)			$I_R$ ( $\mu$ A)		$I_V$ ( $\mu$ cd)		
								typ.	max.	@ mA	max.	@ $V_R$	typ. per seg.	@ mA	
MTN1163-ASR	655	Red	25	6	100	-40 ~ 85	-55 ~ 100	3.4	4.0	20	100	6	750	10	1
MTN2163-AG	567	Green	25	10	85	-40 ~ 85	-55 ~ 100	4.2	6.0	20	100	10	2800	10	1
MTN4163-AO	635	Orange	25	10	85	-40 ~ 85	-55 ~ 100	4.2	6.0	20	100	10	3000	10	1
MTN4163-AHR	635	Hi-Eff Red	25	10	85	-40 ~ 85	-55 ~ 100	4.2	6.0	20	100	10	3000	10	1
MTN1163-CSR	655	Red	25	6	100	-40 ~ 85	-55 ~ 100	3.4	4.0	20	100	6	750	10	2
MTN2163-CG	567	Green	25	10	85	-40 ~ 85	-55 ~ 100	4.2	6.0	20	100	10	2800	10	2
MTN4163-CO	635	Orange	25	10	85	-40 ~ 85	-55 ~ 100	4.2	6.0	20	100	10	3000	10	2
MTN4163-CHR	635	Hi-Eff Red	25	10	85	-40 ~ 85	-55 ~ 100	4.2	6.0	20	100	10	3000	10	2



### MTN1163-ASR PIN 3,5,9,14 COMMON ANODE



### PINOUT 1

- PIN NO. FUNCTION
- 1. A CATHODE
- 2. F CATHODE
- 3. COMMON ANODE
- 4. E CATHODE
- 5. COMMON ANODE
- 6. LHDP CATHODE
- 7. NO PIN
- 8. D CATHODE
- 9. COMMON ANODE
- 10. C CATHODE
- 11. G CATHODE
- 12. B CATHODE
- 13. NO PIN
- 14. COMMON ANODE

### PINOUT 2

- PIN NO. FUNCTION
- 1. A ANODE
- 2. F ANODE
- 3. COMMON CATHODE
- 4. E ANODE
- 5. COMMON CATHODE
- 6. LHDP ANODE
- 7. NO PIN
- 8. D ANODE
- 9. COMMON CATHODE
- 10. C ANODE
- 11. G ANODE
- 12. B ANODE
- 13. NO PIN
- 14. COMMON CATHODE

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