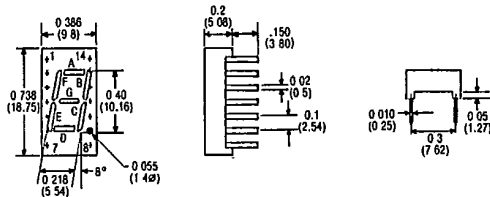


# SINGLE DIGIT SEVEN SEGMENT DISPLAY

T-41.33

## 0.4" 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	
MTN1140-ASR	655	Red	25	3	100	-40 ~ 85	-55 ~ 100	1.7	2.0	20	100	3	480	10	1
MTN2140-AG	567	Green	25	5	85	-40 ~ 85	-55 ~ 100	2.1	3.0	20	100	5	1800	10	1
MTN4140-AO	635	Orange	25	5	85	-40 ~ 85	-55 ~ 100	2.1	3.0	20	100	5	1950	10	1
MTN4140-AHR	635	Hi-Eff Red	25	5	85	-40 ~ 85	-55 ~ 100	2.1	3.0	20	100	5	1950	10	1
MTN1140-CSR	655	Red	25	3	100	-40 ~ 85	-55 ~ 100	1.7	2.0	20	100	3	480	10	2
MTN2140-CG	567	Green	25	5	85	-40 ~ 85	-55 ~ 100	2.1	3.0	20	100	5	1800	10	2
MTN4140-CO	635	Orange	25	5	85	-40 ~ 85	-55 ~ 100	2.1	3.0	20	100	5	1950	10	2
MTN4140-CHR	635	Hi-Eff Red	25	5	85	-40 ~ 85	-55 ~ 100	2.1	3.0	20	100	5	1950	10	2



## PINOUT 1

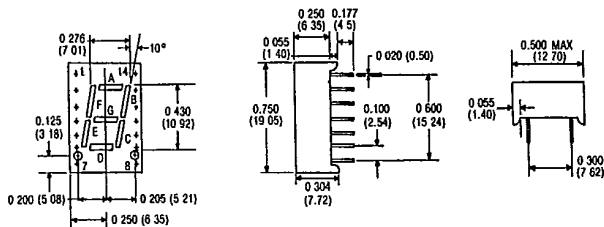
- PIN # FUNCTION
1. CATHODE A
  2. CATHODE F
  3. ANODE DIGIT & DP
  4. NO PIN
  5. NO PIN
  6. NO CONNECTION
  7. CATHODE E
  8. CATHODE D
  9. CATHODE RHDP
  10. CATHODE C
  11. CATHODE G
  12. NO PIN
  13. CATHODE B
  14. ANODE DIGIT & DP

## PINOUT 2

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

## 0.43" DIGIT SIZE - R.H./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	
MTN1143-ASR	655	Red	25	3	100	-40 ~ 85	-55 ~ 100	1.7	2.0	20	100	3	480	10	1
MTN2143-AG	567	Green	25	5	85	-40 ~ 85	-55 ~ 100	2.1	3.0	20	100	5	1800	10	1
MTN4143-AO	635	Orange	25	5	85	-40 ~ 85	-55 ~ 100	2.1	3.0	20	100	5	1950	10	1
MTN4143-AHR	635	Hi-Eff Red	25	5	85	-40 ~ 85	-55 ~ 100	2.1	3.0	20	100	5	1950	10	1
MTN1143-CSR	655	Red	25	3	100	-40 ~ 85	-55 ~ 100	1.7	2.0	20	100	3	480	10	2
MTN2143-CG	567	Green	25	5	85	-40 ~ 85	-55 ~ 100	2.1	3.0	20	100	5	1800	10	2
MTN4143-CO	635	Orange	25	5	85	-40 ~ 85	-55 ~ 100	2.1	3.0	20	100	5	1950	10	2
MTN4143-CHR	635	Hi-Eff Red	25	5	85	-40 ~ 85	-55 ~ 100	2.1	3.0	20	100	5	1950	10	2



## PINOUT 1

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

## PINOUT 2

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