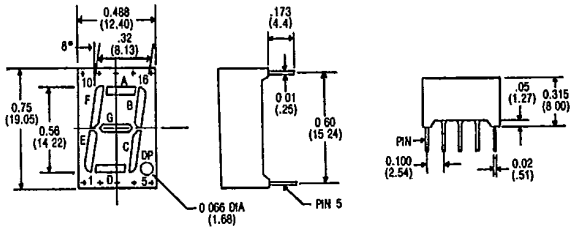
SINGLE DIGIT SEVEN SEGMENT DISPLAY

T-41-33

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

PART NO.	PEAK WAVE-LENGTH λ P (nm)	EMITTED COLOR	MAXIMUM RATINGS					OPTO-ELECTRICAL CHARACTERISTICS							
								V_F(V)			I_R(μA)		I_V(μcd)		
			I_F (mA)	V_R (V)	P_D (mW)	T_{opr} (°C)	T_{stg} (°C)	typ.	max.	@ mA	max.	@ V_R	typ. per seg.	@ mA	Pin-Out
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

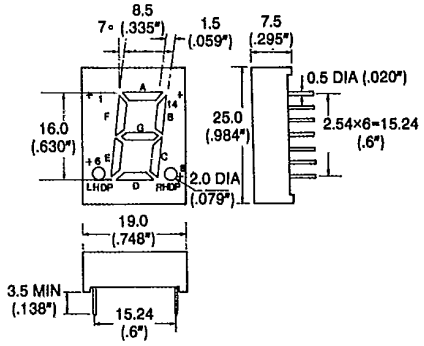
PIN #	FUNCTION
1.	CATHODE E
2.	CATHODE D
3.	COMMON ANODE
4.	CATHODE C
5.	CATHODE DP
6.	CATHODE B
7.	CATHODE A
8.	COMMON ANODE
9.	CATHODE F
10.	CATHODE G

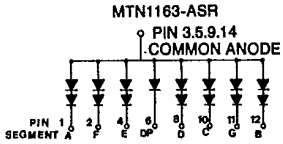
PINOUT 2

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 λ P (nm)	EMITTED COLOR	MAXIMUM RATINGS					OPTO-ELECTRICAL CHARACTERISTICS							
								V_F(V)			I_R(μA)		I_V(μcd)		
			I_F (mA)	V_R (V)	P_D (mW)	T_{opr} (°C)	T_{stg} (°C)	typ.	max.	@ mA	max.	@ V_R	typ. per seg.	@ mA	Pin-Out
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





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