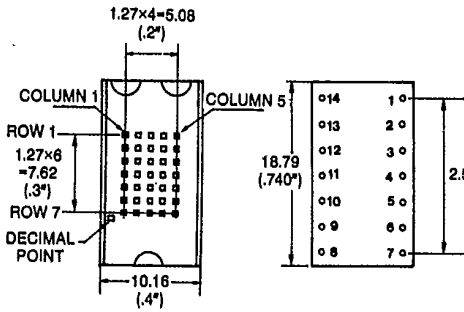


# DOT MATRIX DISPLAY

## 0.3" DIGIT SIZE - 5x7

T-41-35

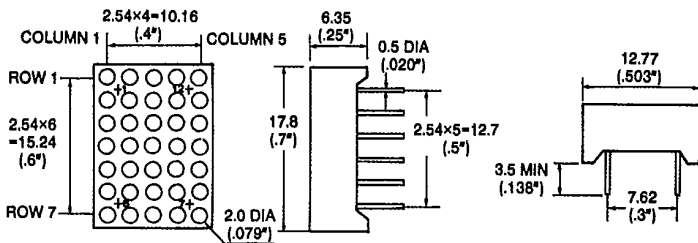
PART NO.	PEAK WAVE-LENGTH λ P (nm)	EMITTED COLOR	MAXIMUM RATINGS					OPTO-ELECTRICAL CHARACTERISTICS					Pin-Out
			I <sub>F</sub> (mA)	V <sub>R</sub> (V)	P <sub>D</sub> (mW)	T <sub>opr</sub> (°C)	T <sub>stg</sub> (°C)	V <sub>F</sub> @20mA(V)		V <sub>R</sub> @100μA (V)	I <sub>y</sub> per seg. (μcd)	I <sub>F</sub> (mA)	
								typ.	max.				
MTAN1135-ASR	655	Red	25	3	100	-40~85	-55~100	1.7	2.0	3	350	10	1
MTAN2135-AG	567	Green	25	5	85	-40~85	-55~100	2.1	3.0	5	1300	10	1
MTAN4135-AO	635	Orange	25	5	85	-40~85	-55~100	2.1	3.0	5	1400	10	1
MTAN4135-AHR	635	Hi-Eff Red	25	5	85	-40~85	-55~100	2.1	3.0	5	1400	10	1
MTAN1135-CSR	655	Red	25	3	100	-40~85	-55~100	1.7	2.0	3	350	10	2
MTAN2135-CG	567	Green	25	5	85	-40~85	-55~100	2.1	3.0	5	1300	10	2
MTAN4135-CO	635	Orange	25	5	85	-40~85	-55~100	2.1	3.0	5	1400	10	2
MTAN4135-CHR	635	Hi-Eff Red	25	5	85	-40~85	-55~100	2.1	3.0	5	1400	10	2



PINOUT 1		PINOUT 2	
PIN NO.	FUNCTION	PIN NO.	FUNCTION
PIN 1	ANODE COLUMN 2	1	CATHODE COLUMN 2
PIN 2	CATHODE ROW 1	2	ANODE ROW 1
PIN 3	CATHODE ROW 3	3	ANODE ROW 3
PIN 4	CATHODE ROW 4	4	ANODE ROW 4
PIN 5	ANODE COLUMN 1	5	CATHODE COLUMN 1
PIN 6	NO PIN	6	NO PIN
PIN 7	DECIMAL POINT ANODE	7	DECIMAL POINT CATHODE
PIN 8	ANODE COLUMN 3	8	CATHODE COLUMN 3
PIN 9	CATHODE ROW 7	9	ANODE ROW 7 & DECIMAL POINT ANODE
PIN 10	CATHODE ROW 6	10	ANODE ROW 6
PIN 11	CATHODE ROW 5	11	ANODE ROW 5
PIN 12	CATHODE ROW 2	12	ANODE ROW 2
PIN 13	ANODE COLUMN 4	13	CATHODE COLUMN 4
PIN 14	ANODE COLUMN 4	14	CATHODE COLUMN 4

## 0.68" DIGIT SIZE - 5x7

PART NO.	PEAK WAVE-LENGTH λ P (nm)	EMITTED COLOR	MAXIMUM RATINGS					OPTO-ELECTRICAL CHARACTERISTICS					Pin-Out
			I <sub>F</sub> (mA)	V <sub>R</sub> (V)	P <sub>D</sub> (mW)	T <sub>opr</sub> (°C)	T <sub>stg</sub> (°C)	V <sub>F</sub> @20mA(V)		V <sub>R</sub> @100μA (V)	I <sub>y</sub> per seg. (μcd)	I <sub>F</sub> (mA)	
								typ.	max.				
MTAN2170-11A	567	Green	25	5	85	-40~85	-55~100	2.1	3.0	5	1850	10	1
MTAN4170-11A	635	Orange	25	5	85	-40~85	-55~100	2.1	3.0	5	2000	10	1
MTAN4170R-11A	635	Hi-Eff Red	25	5	85	-40~85	-55~100	2.1	3.0	5	2000	10	1
MTAN2170-21C	567	Green	25	5	85	-40~85	-55~100	2.1	3.0	5	1850	10	2
MTAN4170-21C	635	Orange	25	5	85	-40~85	-55~100	2.1	3.0	5	2000	10	2
MTAN4170R-21C	635	Hi-Eff Red	25	5	85	-40~85	-55~100	2.1	3.0	5	2000	10	2



PINOUT 1		PINOUT 2	
PIN NO.	FUNCTION	PIN NO.	FUNCTION
1	CATHODE ROW 1	1	ANODE ROW 1
2	CATHODE ROW 2	2	ANODE ROW 2
3	ANODE COLUMN 2	3	CATHODE COLUMN 2
4	ANODE COLUMN 1	4	CATHODE COLUMN 1
5	CATHODE ROW 6	5	ANODE ROW 6
6	CATHODE ROW 7	6	ANODE ROW 7
7	ANODE COLUMN 3	7	CATHODE COLUMN 3
8	CATHODE ROW 3	8	ANODE ROW 3
9	ANODE COLUMN 4	9	CATHODE COLUMN 4
10	CATHODE ROW 4	10	ANODE ROW 4
11	CATHODE ROW 5	11	ANODE ROW 5
12	ANODE COLUMN 5	12	CATHODE COLUMN 5