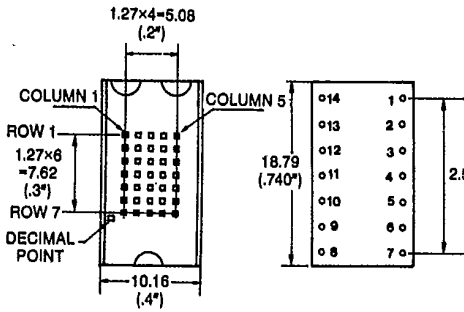


# DOT MATRIX DISPLAY

## 0.3" DIGIT SIZE - 5x7

T-41-35

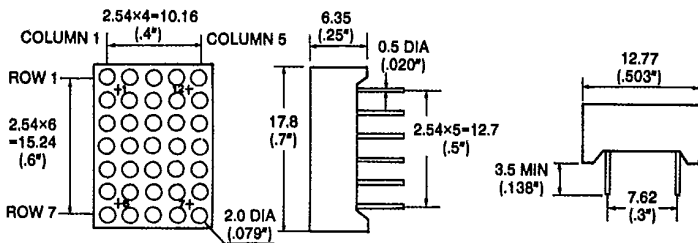
PART NO.	PEAK WAVE-LENGTH $\lambda_p$ (nm)	EMITTED COLOR	MAXIMUM RATINGS					OPTO-ELECTRICAL CHARACTERISTICS					Pin-Out
			$I_F$ (mA)	$V_R$ (V)	$P_D$ (mW)	$T_{opr}$ ( $^{\circ}C$ )	$T_{stg}$ ( $^{\circ}C$ )	$V_F@20mA(V)$		$V_R@100\mu A$ (V)	$I_y$ per seg. ( $\mu cd$ )	$I_F$ (mA)	
								typ.	max.				
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



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

## 0.68" DIGIT SIZE - 5x7

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)	$T_{opr}$ ( $^{\circ}C$ )	$T_{stg}$ ( $^{\circ}C$ )	$V_F@20mA(V)$		$V_R@100\mu A$ (V)	$I_y$ per seg. ( $\mu cd$ )	$I_F$ (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



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