

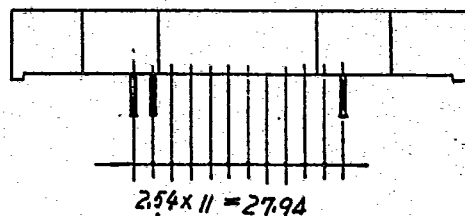
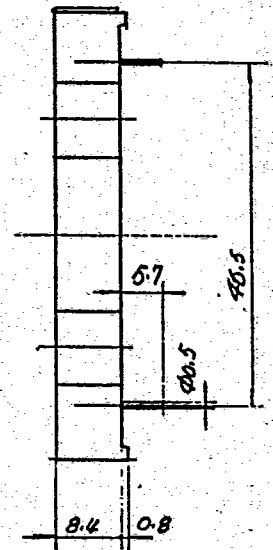
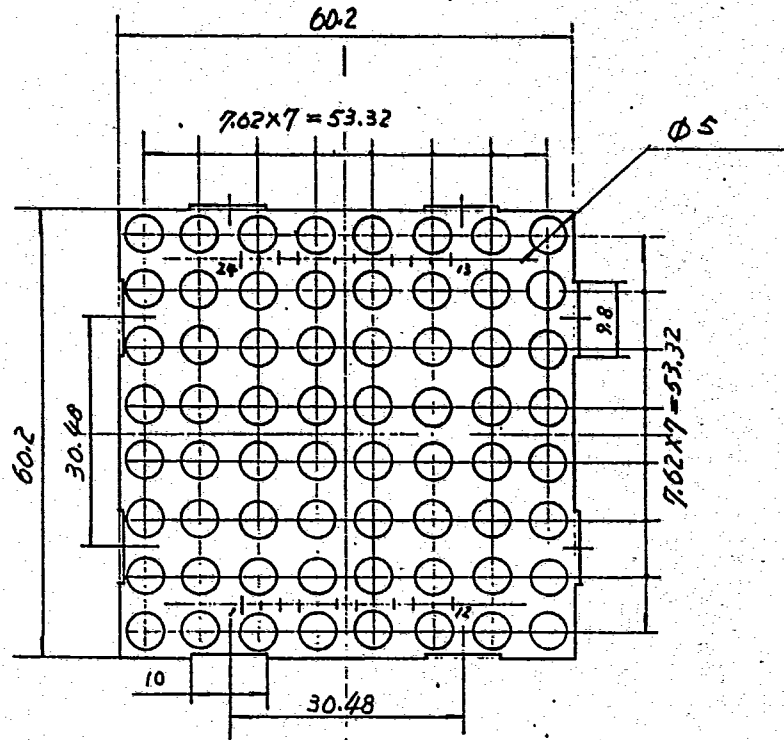
# MICRO

T-41-35

**MD2388**  
SERIES

**FEATURES**

- High efficiency GaP/GaAsP
- High contrast
- Wide Viewing Angle
- 8X8 Matrix Array With Row-Column Select
- Rugged Encapsulation (Filled Reflector Construction)
- End & Side Stackable



**MAXIMUM RATINGS (Ta=25°C)**

Reverse Voltage	VR	5V
Peak Forward Current / Segment	IF/Pulse*	200mA
Continuous Forward Current / Segment	IF/DC	20mA
Storage Temperature Range	Tstg	-25 to +80°C
Operating Temperature Range	Topr	-20 to +75°C

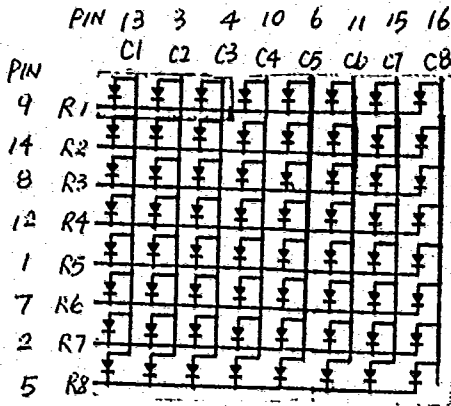
\* Note : Pulse Width = 1mS, Duty Ratio = 1/10.



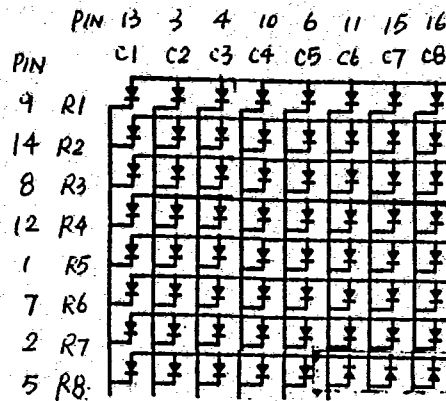
**MICRO ELECTRONICS LTD.**

38, HUNG TO ROAD, KWUN TONG, HONG KONG. TELEX: 43610  
KWUN TONG P. O. BOX 69477 CABLE ADDRESS "MICROTRON"  
TEL. 3-430181-5 FAX. NO. 3-410321

INTERNAL CONNECTIONS



2388C



2388A

ELECTRO-OPTICAL CHARACTERISTICS PER SEGMENT (T<sub>a</sub>=25°C)

PARAMETER	SYMBOL	MSD2388	MGD2388	MOD2388	MUD2388	UNIT	CONDITION
Forward Voltage (MAX)	V <sub>F</sub>	3.0	3.0	3.0	2.2	V	I <sub>F</sub> =20mA
Luminous Intensity (TYP)	I <sub>v</sub>	600	800	2000	10000	μcd	I <sub>F</sub> =10mA
Segment to Segment Luminous Intensity Ratio		1.5:1	1.5:1	1.5:1	1.5:1		I <sub>F</sub> =10mA
Wave Length At Peak Emission	λ <sub>p</sub>	700	565	635	660	nm	
Spectral Half Width	Δλ	30	30	30	30	nm	

- \* MSD2388 - Red GaP
- MGD2388 - Green GaP
- MOD2388 - Orange GaAsP/GaP
- MUD2388 - Ultra Red