teamtronic

SPECIFICATION

DESCRIPTION: DUAL COLOR DOT MATRIX
MODEL：TT1MEEG88-1015BA-050

Date	Approved by	Sign

April 25th, 2005

teamtronic

Part No: TT1MEEG88-1015BA-050

Appearance				
Face	Segment	Pin	Source Color	Orange
				Green
			Driver Mode	Row. Anode
Black	White		Packing	

Features:

Color	Dual Color (Orange/Green)
Dot Size (mm)	5
Dot Pitch (mm)	7.62
Number of Dot	64(8*8)
Dimension (mm)	60.2 * 60.2

Absolute Maximum Ratings at Ta = 25℃

Parameter	Symbol	Value	Unit
Power Dissipation Per Dot	P_D	-	mW
Peak Forward Current Per Dot	I_{FP}	60	mA
Continuous Forward Current Per Dot	I_{FM}	20	mA
Reverse Voltage Per Dot	V_R	5	V
Operating Temperature Range	Topr	-20 to +65	℃
Storage Temperature Range	Tstg	-20 to +70	℃
Lead Sold Temperature	Tsd	1.6mm from body @ 260℃ for 3 sec.	

Optoelectric Characteristics of LED's (Ta=25℃)

Parameter	Color	Symbol	Min.	Typ.	Max	Units	Test Condition
Luminous Intensity Per Dot	Orange	I_V	-	10	-	mcd	I_F=20mA
	Green		-	15	-		
Peak Emission Wavelength	Orange	λ_P	-	630	-	nm	I_F=20mA
	Green		-	571	-		
Spectral Line Half-Width		$\triangle\lambda$	-	5	-	nm	I_F=20mA
Forward Voltage Per Dot	Orange	V_F	-	2.1	-	V	I_F=20mA
	Green		-	2.2	-		
Reverse Current Per Dot		I_R	-	-	100	μA	$V_{R=5V}$
Viewing Angle		Deg.	-	-	-	°	I_F=20mA

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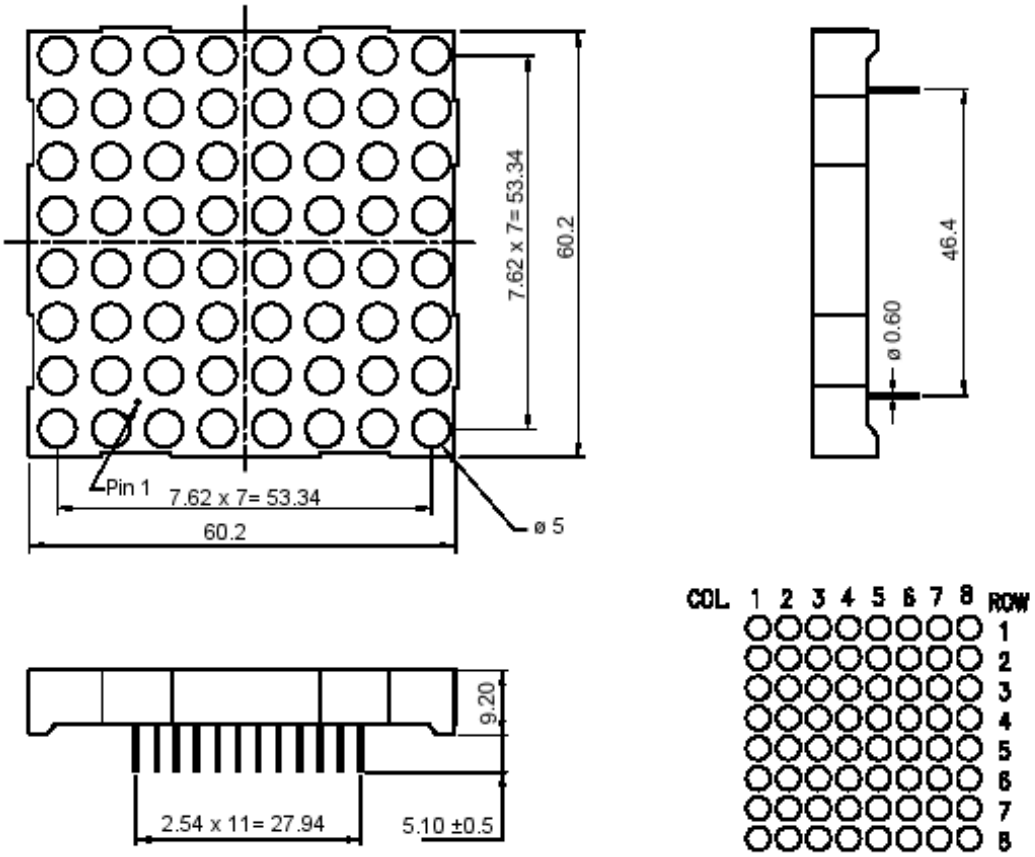
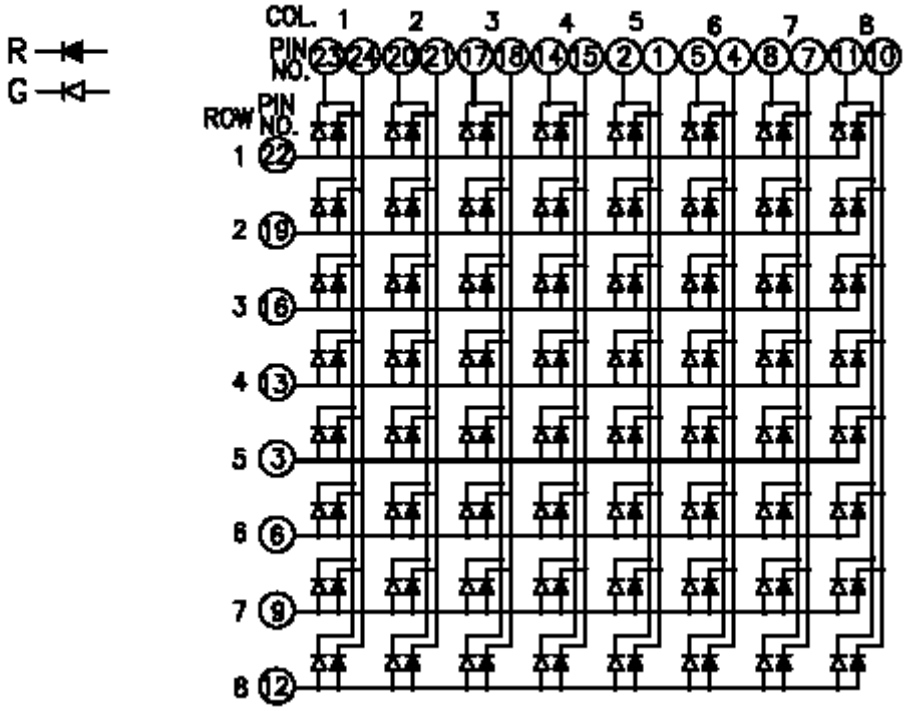
Package Dimensions:



Internal Circuit Diagram:



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