

SOC. COMERCIAL KEIM LTDA

ELECTRONICA IMPORTADORA

RUT:77.444.770-9

10 DE JULIO 1150, SANTIAGO

6713501-6979036

CASAKEIM@CASAKEIM.CL

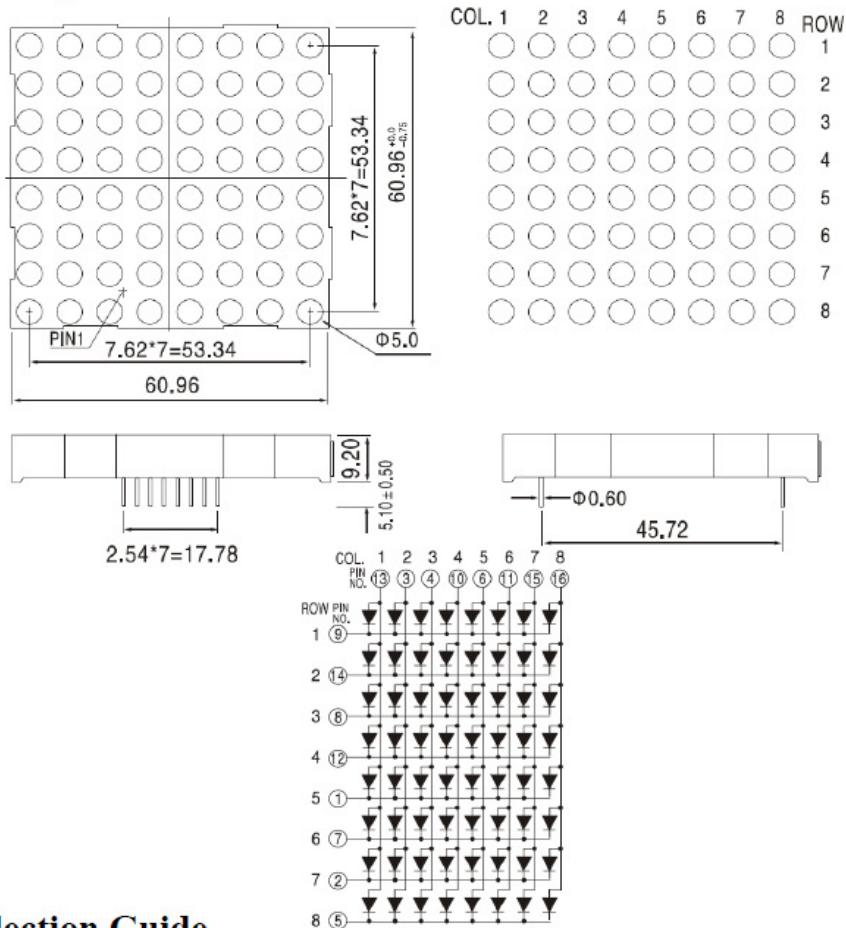
Part Number: SEM-2388ARBW

* Features

1. Low power consumption
2. High contrast and light output
3. Easy mounting on PCB or sockets
4. Mechanically rugged
5. RoHS Compliant

* Package Dimensions

Unit: mm



* Selection Guide

| Part Number | Chip | | Display | | |
|--------------|----------|----------------|---------|----------------|----------|
| | Material | Emitting Color | Surface | Colloid | Polarity |
| SEM-2388ARBW | AlGaAs | Red | Black | White Diffused | CC |

SOC. COMERCIAL KEIM LTDA

ELECTRONICA IMPORTADORA

RUT:77.444.770-9

10 DE JULIO 1150, SANTIAGO

6713501-6979036

CASAKEIM@CASAKEIM.CL

Technical Specification

Part Number: SEM-2388ARBW

*** Absolute Maximum Ratings at Ta=25°C**

| Parameter | Symbol | Red | Unit |
|---------------------------------|---------------------|-----|------|
| Power Dissipation | PD | 65 | mW |
| DC Forward Current | IF | 30 | mA |
| Peak Forward Current(1) | IFP | 80 | mA |
| Reverse Voltage | VR | 5 | V |
| Operating / Storage Temperature | -40°C ~ +85°C | | |
| Lead Soldering Temperature | 260°C for 5 Seconds | | |

NOTE: (1/10 Duty Cycle, 0.1ms Pulse Width)

*** Electrical Optical Characteristics at Ta=25°C**

| Parameter | Symbol | Device | Typ. | Max. | Unit | Condition |
|---------------------|-------------|--------|------|------|---------|-----------|
| Forward Voltage | VF | Red | 1.82 | -- | V | If=20mA |
| Dominant Wavelength | λ_D | Red | 644 | -- | nm | If=20mA |
| Reverse Current | IR | Red | -- | 10 | μ A | VR=5V |
| Luminous Intensity | IV | Red | 12.8 | -- | mcd | If=20mA |

SOC. COMERCIAL KEIM LTDA

ELECTRONICA IMPORTADORA

RUT:77.444.770-9

10 DE JULIO 1150, SANTIAGO

6713501-6979036

CASAKEIM@CASAKEIM.CL

Part Number: SEM-2388ARBW

