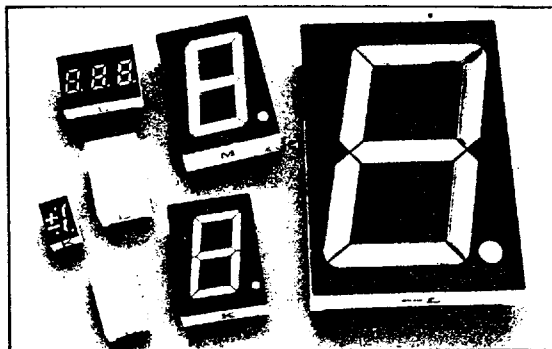


# Seven Segment Displays

# 6000 Series

- Intensity grading for all types ensures optimum matching in multidigit applications.
- No light leakage from segment to segment.
- Bright even illumination right to the ends of each individual segment.
- Industry compatible package sizes and pin-outs.



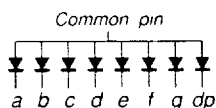
T-41-33

IMO Seven Segment displays are available in character heights ranging from a compact 0.25" up to our new 2.3" high visibility display. Red and green are stocked as standard, with yellow and amber available for OEM quantities. Most types are available with a choice of grey or black backgrounds for different contrast applications. Common Anode and common Cathode options meet the requirements of the drive electronics in use. The consistent brightness, colour and appearance across the range of sizes have led to their specification in an extensive range of applications which include instrumentation, public information, military, automotive, communications and leisure.

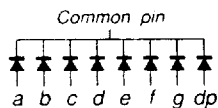
## Intensity grading

As with all professional displays, each digit is marked with one of three letters indicating intensity rank. By using devices of the same rank in a multidigit application a uniform matched display is produced. It is IMO's policy to despatch devices of one rank only in each shipment to give our customers the best possible matching.

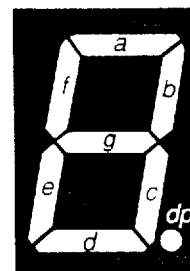
### Common Anode Internal circuit diagram



### Common Cathode Internal circuit diagram



The pinout information on the following pages refers to the segment codes shown here



The 6101, 1" character height display has 2 LEDs in series, for each segment with the exception of the decimal point.  
The 6231, 2.3" character height display has 4 LEDs in series, for each segment with the exception of the decimal point.

