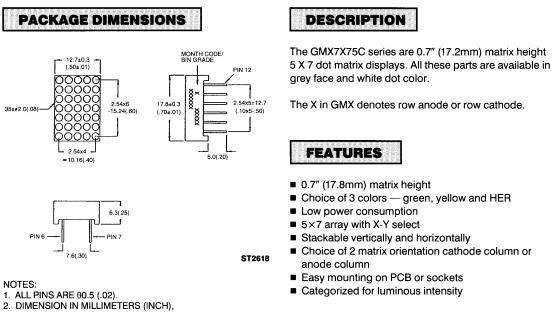


0.7″ 5×7 **DOT MATRIX DISPLAYS**

HER GMA 7175C GMC 7175C YELLOW GMA 7475C GMC 7475C GREEN GMA 7975C GMC 7975C



TOLERANCE IS 0.25 (.01) UNLESS

OTHERWISE NOTED.

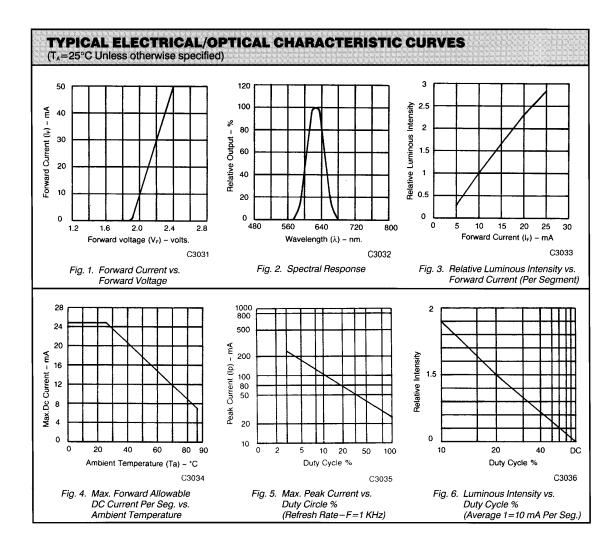
| | YELLOW | HER | GREEN | UNITS |
|-----------------------------------|--------|-----|-------|-------|
| Power dissipation per dot | 60 | 70 | 75 | mW |
| Peak forward current per dot | 80 | 100 | 100 | mA |
| Continuous I _F per dot | 20 | 25 | 25 | mA |
| Reverse voltage per dot | 5 | 5 | 5 | v |



SEMICONDUCTOR

0.7" 5×7 DOT MATRIX DISPLAYS

| ELECTRICAL/OPTICAL CHARACTI GMX 7175C (HER) | RISTIC | S (T ₄ =25°(| C Unless o | therwise sp | ecified) |
|--|--------|--------------------------------|------------|-------------|-----------------------|
| PARAMETER | MIN | ТҮР | MAX | UNITS | TEST CONDITIONS |
| Average luminous intensity | | 3000 | | μ cd | I _F =20 mA |
| Peak emission wavelength | | 635 | | nm | I _F =20 mA |
| Spectral line half-width | | 40 | | nm | I _F =20 mA |
| Forward voltage, any dot | | 2.1 | 2.8 | V | l _⊧ =20 mA |
| Reverse voltage, any dot | | | 100 | μA | V _R =5V |

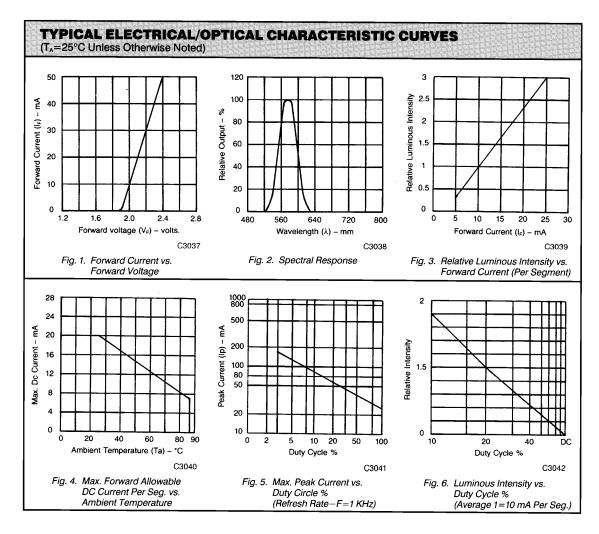




0.7" 5×7 DOT MATRIX DISPLAYS

SEMICONDUCTOR

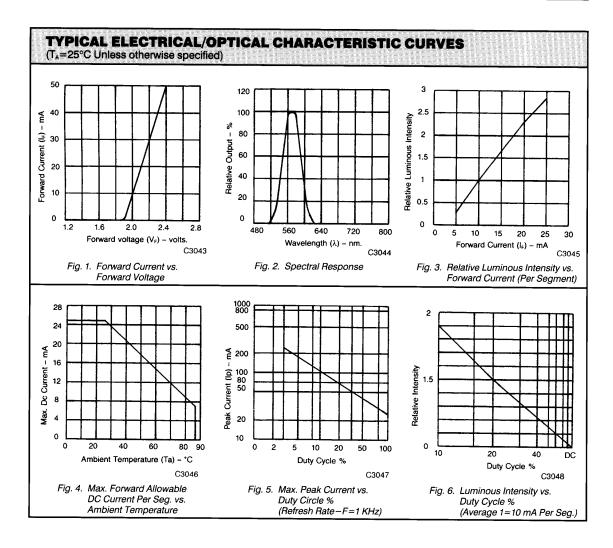
| ELECTRICAL/OPTICAL CH GMX 7475C (YELLOW) | ARACTERISTIC | S (T _A =25°(| C Unless o | therwise sp | ecified) |
|---|--------------|--------------------------------|------------|-------------|-----------------------|
| PARAMETER | Min | ТҮР | МАХ | UNITS | TEST CONDITIONS |
| Average luminous intensity | | 3000 | | μcd | I _F =20 mA |
| Peak emission wavelength | | 585 | | nm | l _F =20 mA |
| Spectral line half-width | | 35 | | nm | I _F =20 mA |
| Forward voltage, any dot | | 2.1 | 2.8 | V | I _F =20 mA |
| Reverse voltage, any dot | | - | 100 | μA | V _R =5V |





0.7" 5×7 DOT MATRIX DISPLAYS

| ELECTRICAL/OPTICAL CH GMX 7975C (GREEN) | ARACTERISTIC | S (T _A =25°(| C Unless o | therwise sp | ecified) |
|--|--|--------------------------------|------------|-------------|-----------------------|
| PARAMETER | MIN | ТҮР | MAX | UNITS | TEST CONDITIONS |
| Average luminous intensity | ······································ | 3000 | | μcd | l _⊧ =20 mA |
| Peak emission wavelength | | 565 | | nm | I _F =20 mA |
| Spectral line half-width | | 30 | | nm | I _F =20 mA |
| Forward voltage, any dot | | 2.1 | 2.8 | V | I _⊧ =20 mA |
| Reverse voltage, any dot | | | 100 | μA | V _R =5V |

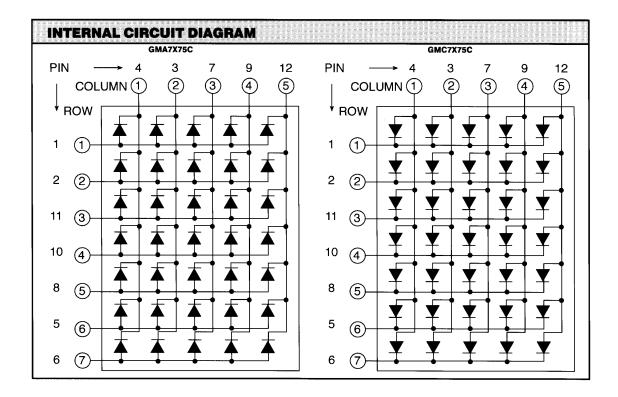




SEMICONDUCTOR

0.7" 5×7 DOT MATRIX DISPLAYS

| PIN NO. | GMA7X75C | GMC7X75C |
|---------|------------------|----------------|
| 1 | Anode row 1 | Cathode row 1 |
| 2 | Anode row 2 | Cathode row 2 |
| 3 | Cathode column 2 | Anode column 2 |
| 4 | Cathode column 1 | Anode column 1 |
| 5 | Anode row 6 | Cathode row 6 |
| 6 | Anode row 7 | Cathode row 7 |
| 7 | Cathode column 3 | Anode column 3 |
| 8 | Anode row 5 | Cathode row 5 |
| 9 | Cathode column 4 | Anode column 4 |
| 10 | Anode row 4 | Cathode row 4 |
| 11 | Cathode row 3 | Anode row 3 |
| 12 | Cathode row 5 | Anode row 5 |





0.7" 5 x 7 DOT MATRIX DISPLAYS

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- A critical component in any component of a life support device or system whose failure to perform can be reasonably expected to cause the failure of the life support device or system, or to affect its safety or effectiveness.

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