



Product of the Month

MOC810_ Series Optocoupler with Non-Base Lead Transistor

ISOCOM COMPONENTS is currently manufacturing the MOC810_ series of optocouplers. These are popular parts due to the wide CTR spectrum throughout the series, but are becoming increasingly difficult to source. This range was introduced and then eventually discontinued by Motorola. Our components comprise black moulding compound to reduce any noise from ambient light. These devices are available within a two week lead time and in various lead forms and packaging.

- 1) Standard DIP
- 2) Light lead Form (G)
- 3) Surface Mount (SM)
- 4) Surface Mount Tape and Reel (SM T+R)

APPROVALS

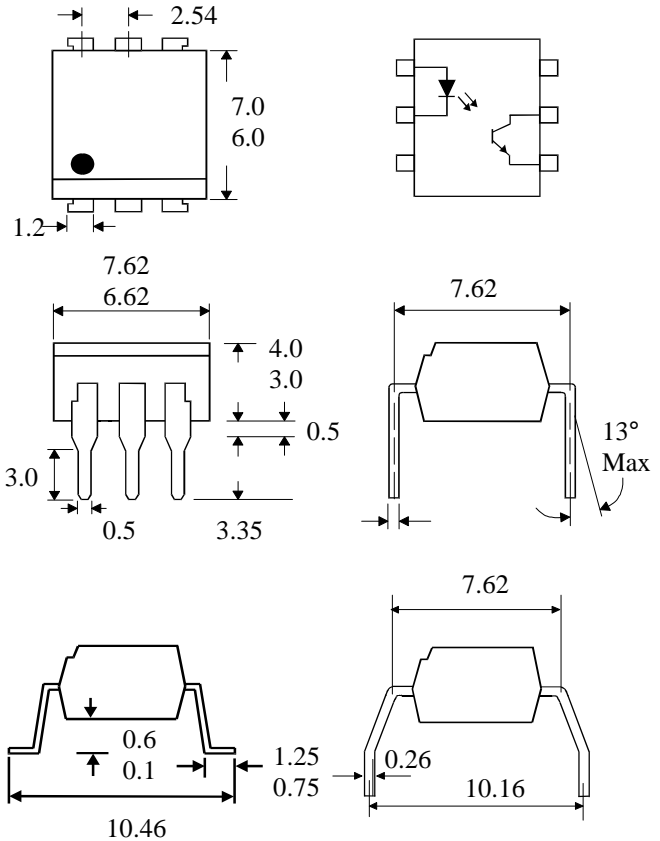
- UL File Number E91231 (Package " GG ")
- VDE (Add suffix " X ")
- NEMKO (Add suffix " X ")

FEATURES

- Standard DIL lead pitch
- AC Isolation test voltage 6000V_{RMS}
- Low coupling capacitance typically 0.3pF
- Various CTR's
- Wide temperature range
- **Lead free**

APPLICATIONS

- Power Supply Feedback Voltage/Current
- Industrial system controllers
- Measuring instruments
- Signal transmission between systems of different potentials and impedance



Surface Mount

G Form

Current Transfer Ratio (CTR)

- | | |
|-----------|-----------|
| • MOC8101 | 50—80 % |
| • MOC8102 | 73—117 % |
| • MOC8103 | 108—173 % |
| • MOC8104 | 160—256 % |
| • MOC8106 | 50—150 % |
| • MOC8107 | 100—300 % |
| • MOC8108 | 250—600 % |
| • MOC8111 | 20 % Min |
| • MOC8112 | 50 % Min |
| • MOC8113 | 100 % Min |

ISOCOM COMPONENTS 2004 LTD

Unit 25B, Park View Road West, Park View Industrial Estate
Hartlepool, Cleveland, TS25 1UD, United Kingdom
Tel: +44 (0)1429 863 609 Fax : +44 (0)1429 863 581
e-mail: sales@isocom.co.uk
<http://www.isocom.com>

ISOCOM COMPONENTS ASIA LTD

Hong Kong Office, 1712-1713
Laurels Industrial Centre, 32 Tai Yau Street,
San Po Kong, Kowloon, Hong Kong.
Tel: +852 2995 9217 Fax : +852 8161 6292
e-mail sales@isocom.com.hk