


Our Ref. 204618

FI 12482 A2



Product	Optocoupler
Type	MOC810X
Trade mark	QTC, F
Certificate Holder	Fairchild Semiconductor, 3001 Orchard Parkway, San Jose, CA 95134, UNITED STATES
Manufacturer	Fairchild Semiconductor, 3001 Orchard Parkway, San Jose, CA 95134, UNITED STATES
Technical information	Basic/Supplementary/Reinforced insulation
Other information	The letter X in the model designation is a digit between 1-8, for selection of Current Transfer Ratio (CTR)
The product is certified according to the following standard(s)	EN 60950 (1992), A1(1993), A2 (1993), A3 (1995), A4 (1997), A11 (1997)
Validity	This certificate is valid up to 31 January 2009 and it includes the right to use the FI mark under the condition that the conditions of the framework contract for testing and certification activities are fulfilled and that changes (if any) will be reported to SGS Fimko before they have been carried out.
Date of issue	13 January 2004
Signature	SGS Fimko Ltd  Tom Törn Director, Certification Services

This certificate has 1 appendix

Manufacturing sites	Lite-On Electronics (Thailand) Co., Ltd. 38/4 Moo 1, Rangsit – Ongkarak Road, Bungyeetoh, Tanyaburi, Pathumthani 12130, THAILAND
Additional information	<p>Thermal cycling test according to clause 2.9.5 has been carried out ten times for the component at 100°C/25°C/0°C/25°C. Humidity treatment of 48 h as well as electric strength tests at 3000V/1 minute and 4800V/1 minute were carried out to the component after thermal cycling tests.</p> <p>Distance through insulation between input and output is more than 0.4mm; measured a minimum of 0.8mm.</p> <p>External creepage distances and clearances are more than 5mm/4mm; measured a minimum of 8.0mm/8.0mm.</p> <p>Enclosure of the component withstands electric strength test of 1500V/1 minute and it fulfils the requirement of basic insulation.</p> <p>Flammability of the enclosure fulfils the test according to Annex A2 for EN 60950.</p> <p>This certificate replaces previous FI certificate no. 204618/12482 A1, dated 25 June 2001. The manufacturing site has been changed.</p>
Is based on test	204618

TPC