

IL1, IL2, IL5, IL74
 ILD1, ILD2, ILD5, ILD74
 ILQ1, ILQ2, ILQ5, ILQ74



ISOCOM
 COMPONENTS

**HIGH DENSITY
 PHOTOTRANSISTOR OPTICALLY
 COUPLED ISOLATORS**



APPROVALS

- UL recognised, File No. E91231
 IL* Package Code " GG "
 ILD*/ILQ* Package Code " FF "

'X' SPECIFICATION APPROVALS

Add 'X' after part number

- VDE 0884 in 3 available lead form : -
 - STD
 - G form
 - SMD approved to CECC 00802

DESCRIPTION

The IL*, ILD*, ILQ* series of optically coupled isolators consist of infrared light emitting diodes and NPN silicon photo transistors in space efficient dual in line plastic packages.

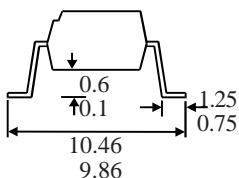
FEATURES

- Options :-
 10mm lead spread - add G after part no.
 Surface mount - add SM after part no.
 Tape&reel - add SMT&R after part no.
- Three package types
- High Current Transfer Ratio (50% min)
- High Isolation Voltage (5.3kV_{RMS}, 7.5kV_{PK})
- High BV_{CEO} (70V min)
- IL2, ILD2, ILQ2, IL5, ILD5, ILQ5

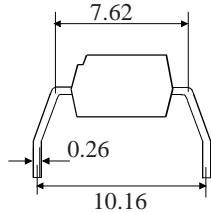
APPLICATIONS

- Computer terminals
- Industrial systems controllers
- Measuring instruments
- Signal transmission between systems of different potentials and impedances

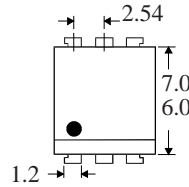
**OPTION SM
 SURFACE MOUNT**



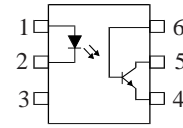
**OPTION G
 10MM LEAD SPREAD**



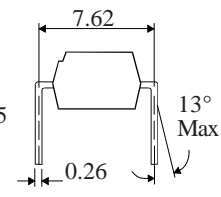
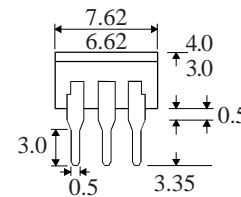
**IL1
 IL2
 IL5
 IL74**



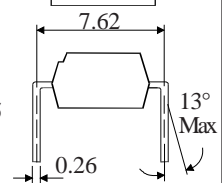
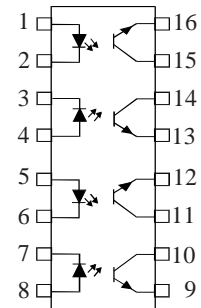
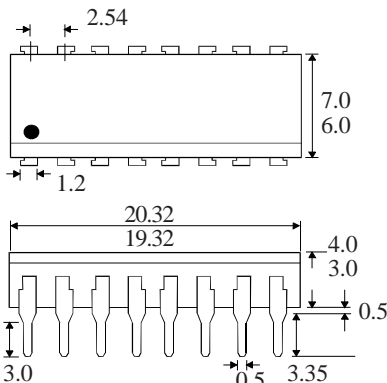
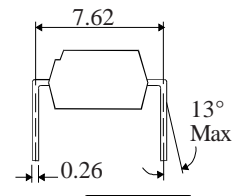
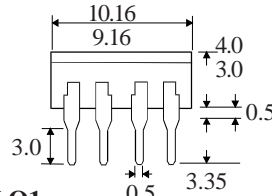
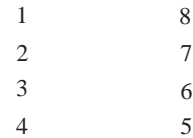
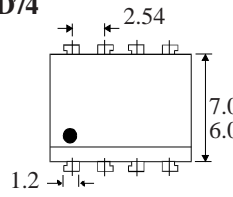
Dimensions in mm



**ILD1
 ILD2
 ILD5
 ILD74**



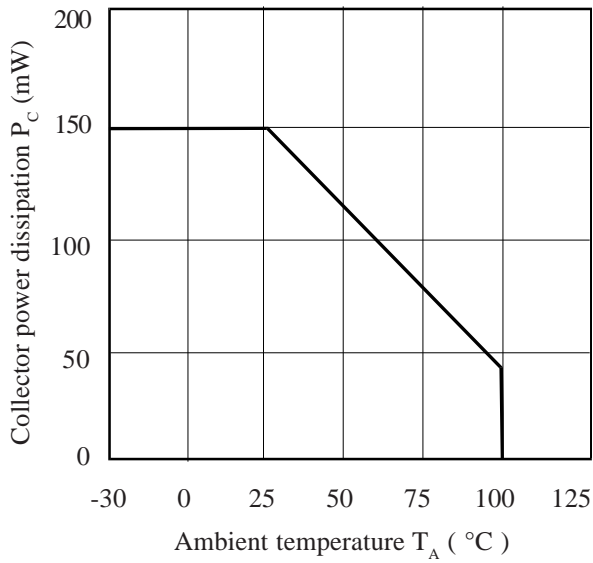
**ILQ1
 ILQ2
 ILQ5
 ILQ74**



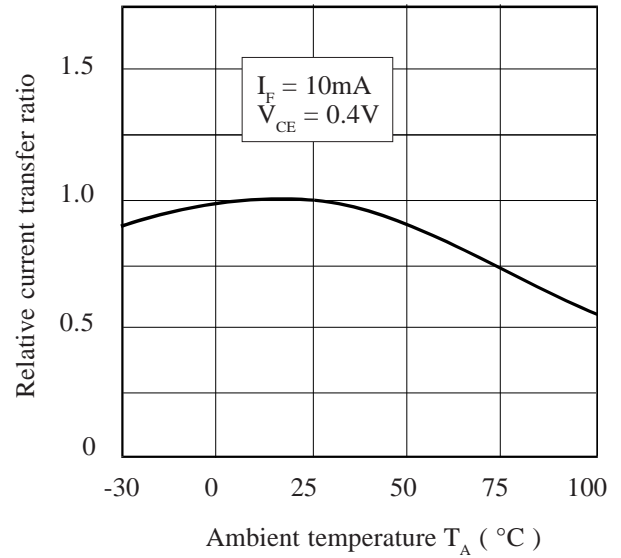
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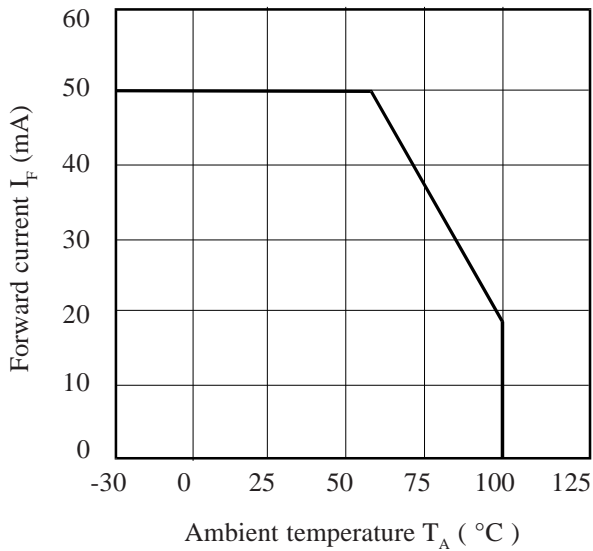
Collector Power Dissipation vs. Ambient Temperature



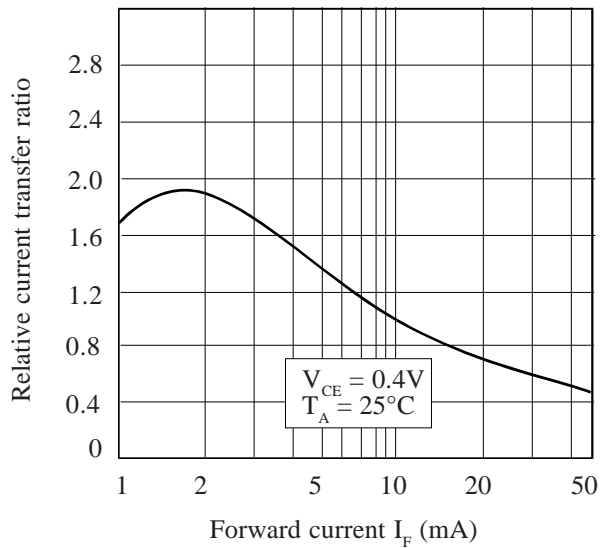
Relative Current Transfer Ratio vs. Ambient Temperature



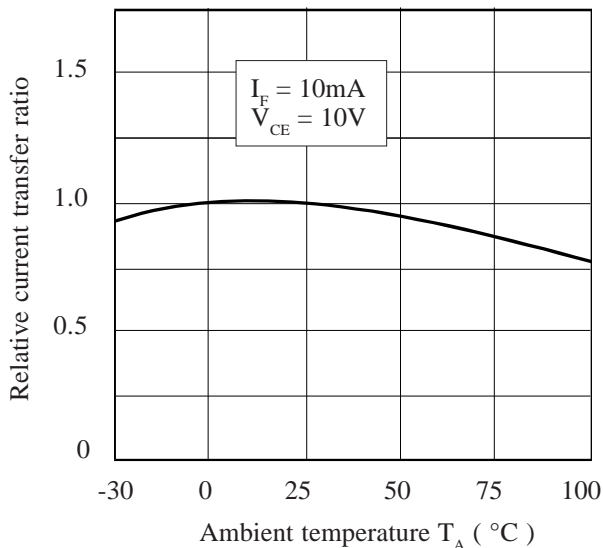
Forward Current vs. Ambient Temperature



Relative Current Transfer Ratio vs. Forward Current



Relative Current Transfer Ratio vs. Ambient Temperature



Relative Current Transfer Ratio vs. Forward Current

