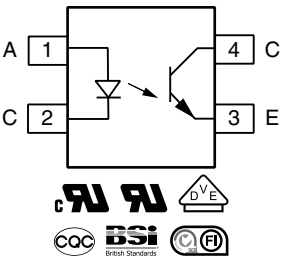
# Optocoupler, Phototransistor Output, Low Input Current, 4 Pin LSOP, Long Creepage Mini-Flat Package




17295-6

The VOL617A has a GaAs infrared emitting diode emitter, which is optically coupled to a silicon planar phototransistor detector, and is incorporated in a 4 pin LSOP wide body package.

It features a high current transfer ratio, low coupling capacitance, and high isolation voltage.

The coupling device is designed for signal transmission between two electrically separated circuits.

- Low profile package
- High collector emitter voltage, $V_{CEO}$ = 80 V
- Isolation test voltage, 5000 $V_{RMS}$
- Isolation voltage $V_{IORM}$ = 1050 $V_{peak}$
- Low coupling capacitance
- High common mode transient immunity
- Material categorization: For definitions of compliance please see www.vishay.com/doc?99912

- Telecom
- Industrial controls
- Battery powered equipment
- Office machines
- Programmable controllers

(All parts are certified under base model VOL617A)

- UL1577, file no. E76222
- cUL CSA 22.2 bulletin 5A, double protection
- DIN EN 60747-5-5 (VDE 0884-5), available with option 1
- BSI: EN 60065:2002, EN 60950-1:2006
- FIMKO EN60950-1
- CQC: GB8898-2011, GB4943.1-2011



For technical questions, contact: optocoupleranswers@vishay.com

THIS DOCUMENT IS SUBJECT TO CHANGE WITHOUT NOTICE. THE PRODUCTS DESCRIBED HEREIN AND THIS DOCUMENT ARE SUBJECT TO SPECIFIC DISCLAIMERS, SET FORTH AT www.vishay.com/doc?91000