

HOLOGRAPHIC OPTICAL ISOLATOR UTILIZING OPTO-ELECTRONIC
TRANSMITTER AND RECEIVER DISPOSED IN A PACKAGE

Abstract of the Disclosure

5

10 An opto-isolator (10) increases optical efficiency by using holographic elements (22,24,26) to direct a beam of light (34) through an optical waveguide (20). An opto-electronic transmitter (12) and receiver (16) are connected to the waveguide to be in alignment with the beam of light reflected by the holographic elements. The transmitter and receiver are disposed on separate leadframe portions (14,18), and the opto-isolator is surrounded by a package (32).