

CONNECTOR INCLUDING ISOLATION MAGNETIC DEVICES CAPABLE OF HANDLING HIGH SPEED COMMUNICATIONS

ABSTRACT OF THE DISCLOSURE

[0021] An electric device capable of handling high speed data communication and which could be used with, for example, a connector application such as an RJ45 type connector. The electric device is formed by inserting at least one wire through a first hole in a core, wrapping the wire around a side of the core, and inserting the wire through a second hole in the core a desired number of times. A common mode choke may be combined with the electric device. To form such a choke, two of the wires from the electric device may be wrapped around a second core in the same fashion a desired number of times.