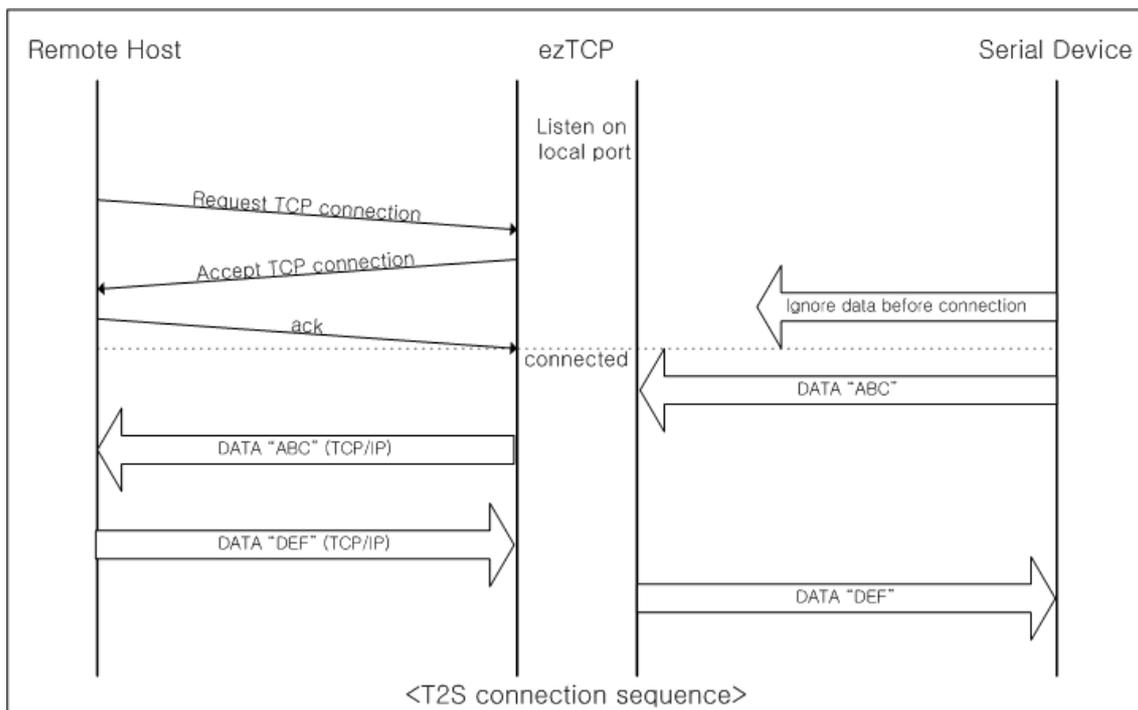# T2S (TCP to Serial)

In T2S mode, the ezTCP functions as a server.

When a TCP connection comes from a remote host to the predefined local port, the ezTCP accepts a TCP connection. When the ezTCP accepts TCP connection, then the TCP connection is established. After connection is established, TCP/IP processing is performed on the data coming to the serial port, which is then transmitted to the remote host. And the TCP/IP data coming from the remote host is TCP/IP-processed and transmitted to the serial port to establish data communication. (Data coming to the serial port before TCP connection is established will be ignored.)

In T2S mode, the ezTCP functions as a server. Therefore, T2S mode cannot be used in a dynamic IP environment (DHCP, PPPoE, etc.)

<T2S connection sequence>