

TOUCH & HOLD SOCKET - OVAL

Description

The Touch & Hold Socket provides the electrical contact for the transfer of data to and from the DALLAS family of iButtons. The socket is ideal for applications that require the iButton to be connected for more than just a momentary touch. Once the iButton is inserted, it latches to give a continuous electrical contact.

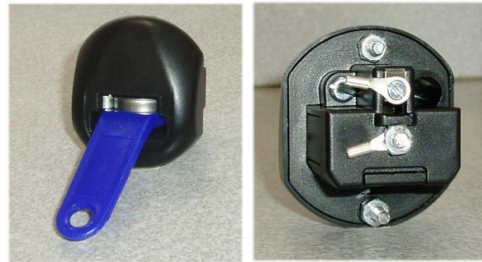
The socket is designed for the DALLAS iButton F5 MicroCan package, attached to a plastic key ring.

Supply voltage (V_{supply}) and current (I_{select}) to the LED is defined by the application. I_{select} may be chosen up to 20mA maximum. An increase in current produces better brightness. An external Resistor (R_{calc}) is calculated with:

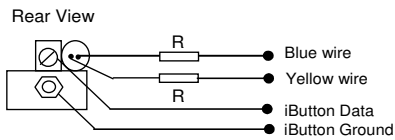
$$R_{calc} = (V_{supply} - 2.2) / I_{select} \text{ in Ohms}$$

Part Number

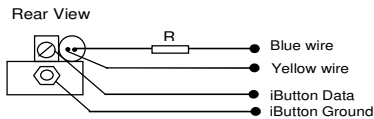
Touch & Hold Socket Oval no led.
 Touch & Hold Socket Oval 2 colour
 Touch & Hold Socket Oval 3 colour



Connection Diagram (3 colour)

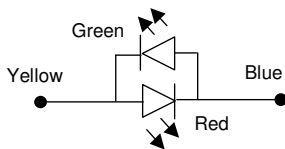


Connection Diagram (2 Colour)

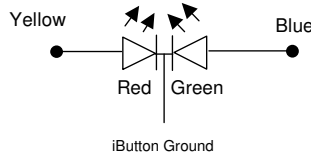


Add Resistor (R) to limit current to 20mA max.

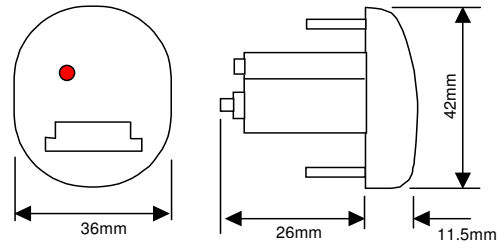
2 Colour Led



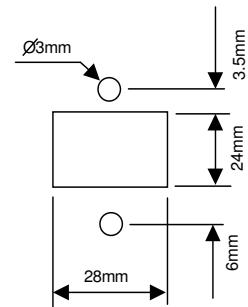
3 Colour Led



Dimensions



Panel Cut-out



The manufacturer reserves the right to change specifications without prior notice



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