

Datasheet

EBP Box with 2 x 10mm studs and 1 x 4mm plug socket RS-392-135



Description

The EBP boxes meet the need defined in EN 61340-5 for connecting the elements of an ESD Protected Area (EPA) to a common connection point or Earth Bonding Point (EBP).

The boxes are manufactured from black ABS and are 44mm x 68mm x 30mm.

The normal earth contact is linked via an individual 1 megohm current limiting resistor. In the event of a workstation element inadvertent contact with the mains supply voltage, the resistor will limit the fault current to less than 0.3mA at 240V. The resistor is capable of withstanding 500VDC for 6 minutes.

The earth ground cord is 2m long.

The cord is terminated with an M5 ring terminal.

The EBP boxes are marked with the RS logo and part number.

"The protection of ESDS [ESD sensitive item] is accomplished by providing a ground path to bring ESD protective materials and personnel to the same electrical potential. All conductor and dissipative items in the environment, including personnel, shall be bonded or electrically connected to a known ground or common connection point [Earth Bonding Point]." [CLC/TR 61340-5-2 User guide clause 4.4.1 Grounding/bonding systems Introduction]

Unless otherwise noted, tolerance $\pm 10\%$

Specifications and procedures subject to change without notice.