

Diagram illustrating the connection of an ESD protection device to an RCL 530x component. The ESD device is connected to the ground pin of the RCL 530x component via a 120 ohm resistor.

The diagram shows two component boxes, ECT 5320 and RCL 530x, connected by a 3P cable. Each box has two vertical terminal blocks with five pins each. A 120Ω resistor is connected between the second and third pins of each terminal block. The 3P cable connects the first pins of both terminal blocks, the second pins (which are also the resistor terminals), and the fifth pins of both terminal blocks.

The diagram illustrates the RCL 530x circuit. It consists of three main blocks: an ESD (Electrostatic Discharge) protection block, the RCL 530x block, and a CIO 5376 block. The ESD block has two terminals. The RCL 530x block has three vertical columns of terminals. The CIO 5376 block has two vertical columns of terminals and a 120Ω resistor. Wires connect the ESD terminals to the RCL 530x terminals, labeled '2' and '3R'.

The diagram shows three modules: ECT 5320, RCL 530x, and CIO 5376. Each module has two 5-pin headers. The ECT 5320 and RCL 530x are connected via a 3P cable (pins 1, 2, 3). The RCL 530x and CIO 5376 are connected via a 3R cable (pins 1, 2, 3). Each module also has a 120Ω termination resistor connected to its pin 4.

The diagram shows the electrical connections for the RCL 530x test setup. It includes an ESD source, the RCL 530x device, the CIO 5376 device, and a DPS (Digital Power Supply) connected to a 120Ω load. The connections are labeled with resistors: 2, 3R, 3E, and 120Ω.

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