

Title (en)

Electrical over stress device and connector

Title (de)

Gerät zum Schutz gegen elektrische Überbeanspruchung und Verbinder

Title (fr)

Dispositif de protection contre les surcharges électriques et connecteur

Publication

EP 0577311 B1 19970820 (EN)

Application

EP 93304852 A 19930622

Priority

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- US 90681392 A 19920630

Abstract (en)

[origin: EP0577311A1] A device (24) for protecting against electrical over stress (EOS) of electrical components includes first contacts (50, 56) that interconnect to signal contacts (18) of a connector (12) and a second contacts (68) that connect to the ground circuit (20) of the connector (12), with a rigid plastic housing (26) holding the device contacts so that ends (55, 65) have a precise spacing gap (71), the gap being filled with a material matrix (72) of insulating and conductive materials having characteristics in conjunction with the gap (71) to define transit voltage suppression by grounding the signal contacts (18) of a connector (12). The device (24) is made bendable to fit onto connectors and conform to the connector geometry. <IMAGE> <IMAGE>

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H01R 13/66

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