

AbstractCOVER LAYER IN FILTER UNIT FOR CONNECTORS

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Filter unit for connectors comprising at least a substrate
(2) made of electrically insulating material and having two mutual-
ly opposite sides and through openings (3) for contact elements of
the connector, capacitors being situated at at least one of the two
10 sides of the substrate in the region of the through openings, which
capacitors each comprise at least one first conducting layer (5) in
contact with the substrate, a dielectric layer (7) and a second
conducting layer (9) and there being provided above each of the
capacitors a cover layer (13, 22) composed of at least one first
15 flexible layer (13) substantially covering the top surface of each
of said capacitors and having a low moisture absorption coefficient
and a high moisture diffusion coefficient and a second hard layer
(22) at least entirely covering the first flexible layer and having
a high moisture absorption coefficient and a low moisture diffusion
20 coefficient.

[fig. 2]