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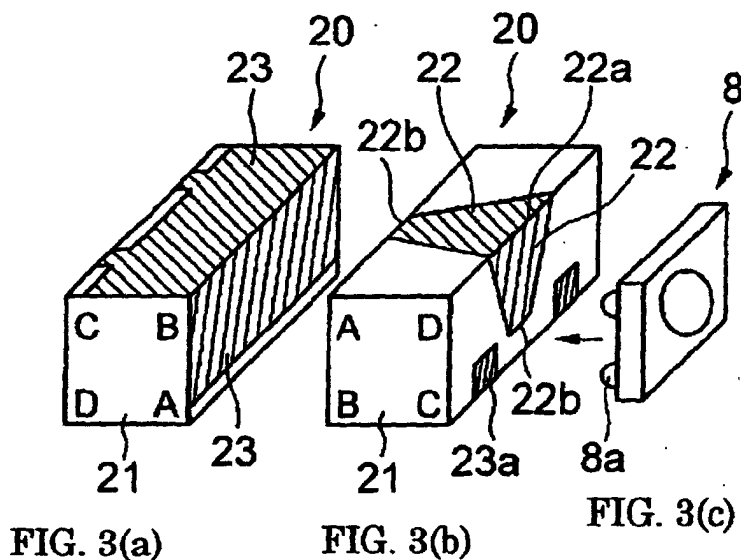
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(54) **Electronic component-mounting substrate and electronic components**

(57) The invention provides an electronic component-mounting substrate wherein joint reliability of microstrip lines at the line of intersection between two signal line surfaces is enhanced, and also an increase in signal reflection and a decrease in transmission due to a line impedance mismatching can be prevented. The width of a line junction 22a of microstrip lines 22 formed on two signal line surfaces of a rectangular-solid dielec-

tric 21 is provided to be broader than the width of a line end portion 22b. In addition, the width of the line junction 22a is designed such that the impedance would be equivalent to an impedance at a line end portion of the substituted lines if the microstrip lines 22 be equivalently substituted with lines on a substrate having a thickness equal to the length of a diagonal line of a cross section of the dielectric 21.





European Patent
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EUROPEAN SEARCH REPORT

Application Number
EP 02 25 6069

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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
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The present search report has been drawn up for all claims			
Place of search MUNICH		Date of completion of the search 2 October 2003	Examiner Kaleve, A
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
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