

ABSTRACT**CIRCUIT CARD CONNECTOR UTILIZING FLEXIBLE FILM CIRCUITRY**

5 A circuit card connector (20) utilizes flexible
circuitry (64) and a card-engagement assembly (50) which
applies a normal force to the contact pads (34) of the
circuit card (30). The connector includes two opposing
connector end portions (40) and a card-engagement
assembly (50) extending therebetween, the card-engagement
assembly (50) including two opposing spring members (53)
10 which are seated upon a pair of fulcrums. The spring
members (53) are spaced apart from each other on opposite
sides of a centerline of a card-receiving slot (80) of
the connector (20). The spring members (53) have lower
leg portions (55) and upper contact arm portions (57).
15 The leg portions (55) of the spring members (153) project
into the card-receiving slot (80) such that an insertion
edge (36) of the circuit card (30) will impinge thereupon
and cause them to spread apart, which in turn, will cause
the contact arm portions (57) of the spring members (53)
20 to rotate around their associated fulcrums so that the
contact arm portions (57) will contact and exert a normal
force upon contact pads (34) located on opposing sides of
the circuit card (30) near the circuit card insertion
edge (36).

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