

CONTINUOUS CARRIER FOR ELECTRICAL OR MECHANICAL COMPONENTS**Abstract of the Disclosure**

A new continuous carrier for surface mount or other electrical or mechanical parts, and a method of fabricating same, formed by molding one or a pair of continuous flexible film strips to a side or sides of a series of desired electrical or mechanical components such that the components are attached to the single strip or filament or suspended between the film strips or filaments. The film strips may be provided with sprocket holes or other equivalent structure for advancing the film strips during the molding process and for reeling up the resultant assembly onto a reel for sale or distribution to a PCB assembler. The latter places the reel of molded parts onto a conventional feeding device. The parts are then separated from the supporting strips or filament, picked-up by a pick-and-place device and placed onto the PCB in the normal manner. The filament or strip may be constituted of plastic, paper or metal.

Figure 2C