



ABSTRACT

RELIABLE CONTACT PAD ARRANGEMENT ON
PLASTIC PRINT CARTRIDGE

THIS SHEET HAS BEEN
REPLACED

W. Bruce Reid
Mindy A. Hamlin
Arthur K. Wilson

5

The contact pads (86) of a print cartridge (24) are formed on a flexible tape. Each of the uniformly spaced contact pads (86) is preferably a square separated from an adjacent square by a minimum distance to provide each
10 contact pad with a maximum area. The contact pads (86) are arranged on the flexible tape (87) only along the side portions of the plastic print cartridge body (106), where the body (106) is generally flat, to avoid the pads being located in the sunken middle portion (112) of the body
15 (106), where the sinking occurs during the injection molding process used to form the body. This improves the reliability of the interconnection between the pads (86) and the printer electrodes (85).

(Fig. 5E)

1-27-80