

TITLE				GENERAL INFORMATION ON CONNECTOR AND TOOLS		PIB NO. DK3043A	
PRODUCT LINE	TAPE DISK FORMATTER	<input type="checkbox"/> <input checked="" type="checkbox"/>	EQUIPMENT CHANGED	MODEL SERIES AFFECTED	EFFECTIVE DATE		
			N/A	D3000	6/24/75 8/15/5		

CLASS OF BULLETIN:	ORDER PART KIT NO.	EFFECTIVITY
<input type="checkbox"/> IMPROVEMENT	N/A	REPLACE DK 3043 with DK3043A HT2
<input type="checkbox"/> RETROFIT ON FAILURE		
<input type="checkbox"/> RETROFIT RECOMMENDED		
<input checked="" type="checkbox"/> SERVICE INFORMATION ONLY		

PURPOSE: To inform customer of various Part Numbers of connectors and pins, of technical data relating thereto, and tools available for use on connectors.

INFORMATION:

1. Connectors:

A. Four different connectors are used to interconnect between parts, motors and printed circuit boards (PCB's). The chart below gives number of pins, PERTEC P/N of connector and of pins, and engaging/disengaging force required in pounds.

# of pins	Connector P/N	Male pin P/N	Female pin P/N	Engaging force ±30%	Disengaging force ±30%
3	503-6253	503-1560	503-1561	6.9	2.4
6	503-6256	"	"	13.8	4.8
9	503-6259	"	"	20.7	7.2
12	503-6260	"	"	27.4	9.6

B. Other technical data

- Resistance characteristic - voltage drop per Ampere (± 10%)
1st engagement 3.2 millivolts
10th engagement 3.3 millivolts
- High voltage test - withstands 1500 volts RMS between adjacent terminals for 60 second when mounted in connector housing.
- Temperature Rise - 30° C maximum at maximum rated current.
- Temperature Range - (-)40° C to 105° C

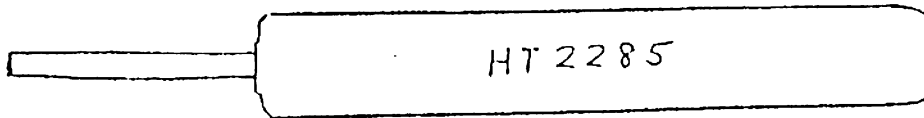
II. Tools - Either extractor below may be used. The ~~HT2095~~ ^{HT2023} is considerably less expensive than the HT2285.

PERIPHERAL EQUIPMENT DIVISION

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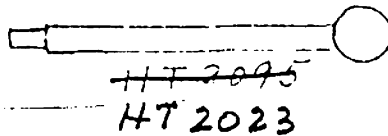
PIB NO.
DK3043A

Extractor - Molex order No. 11-02-0002, Eng. Pt. No. HT2285. This is a spring loaded tool shown immediately below--



or

Extractor - Molex order No. ~~11-03-0009~~ ¹¹⁻⁰³⁻⁰⁰⁰⁵, Eng. Pt. No. ~~HT2095~~ ^{HT 2023}. This is a very inexpensive tool and accomplishes the same job as the HT2285 (above).



Insertion - Any small blunt round shaft or instrument such as a paper clip or the tip of the ~~HT2095~~ ^{HT 2023} extraction tool.

III. Pins installed on Printed Circuit Boards (PCB's).

Pin, Male, PC Card, PERTEC P/N 503-2561 (Mates with 503-1561).

Pin, Female, PC Card, PERTEC P/N 503-2560 (Mates with 503-1560).