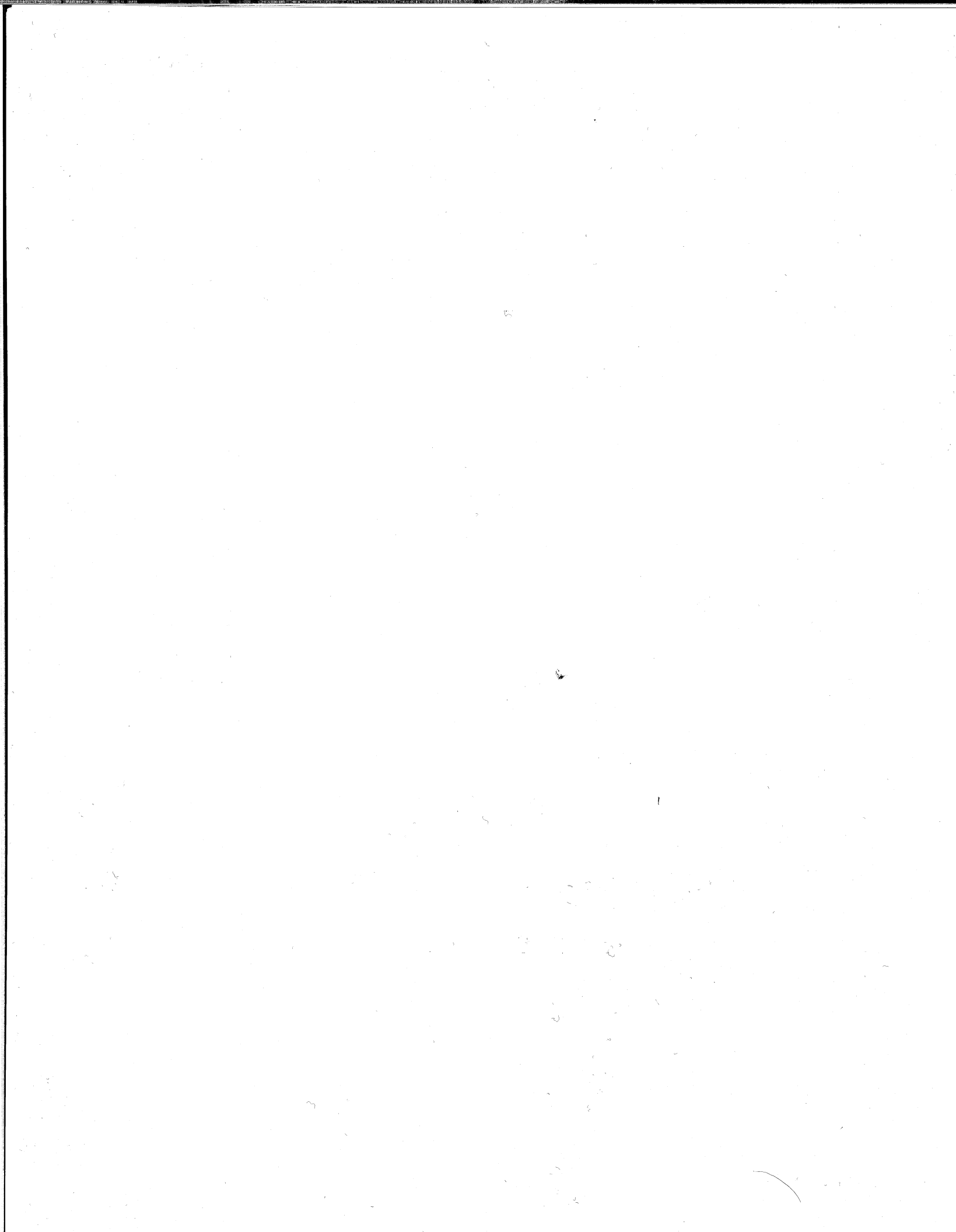


**DASHER™  
VIDEO DISPLAY  
MODELS 6052,6053**

**ILLUSTRATED  
PARTS BREAKDOWN**

016-000404-00



**DASHER™  
VIDEO DISPLAY  
MODELS 6052,6053**

**ILLUSTRATED  
PARTS BREAKDOWN**

016-000404-00

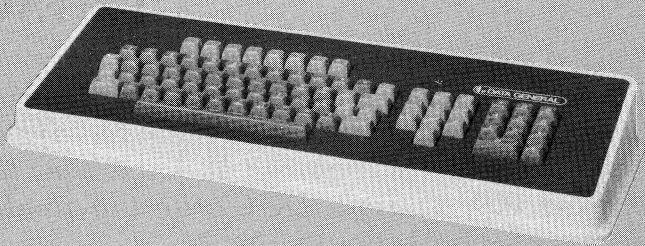
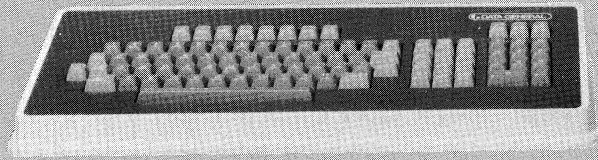
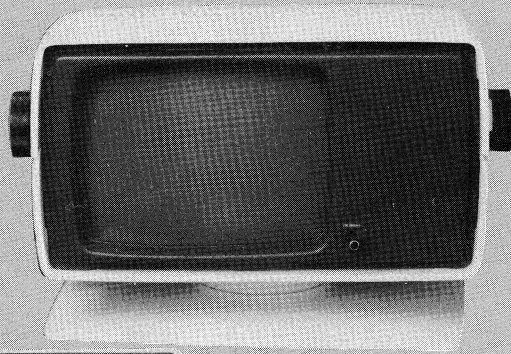
## NOTICE

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# **DASHER<sup>TM</sup> VIDEO DISPLAY MODELS 6052,6053**

## **ILLUSTRATED PARTS BREAKDOWN**

### **PREFACE**

*The Illustrated Parts Breakdown is a pictorial representation of the Dasher<sup>TM</sup> Video Display Models 6052, 6053, also included are the Models 6054/6055 Printer Options. It shows what parts are required and how they fit within the subsystem. Each part listed is identified with a unique DGC ordering number.*

*The first drawing (page I-2) illustrates the major assemblies of the subsystem, and subsequent drawings illustrate and list parts of the major assemblies. The printed circuit board subassemblies are listed, but their component parts are given on 016 drawings which are listed but not included.*

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# ECO HISTORY

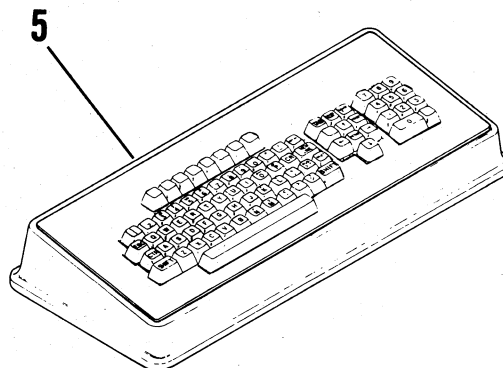
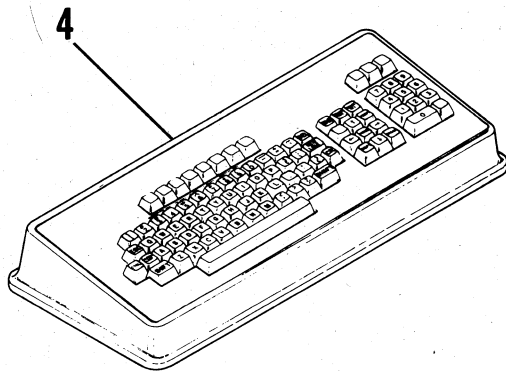
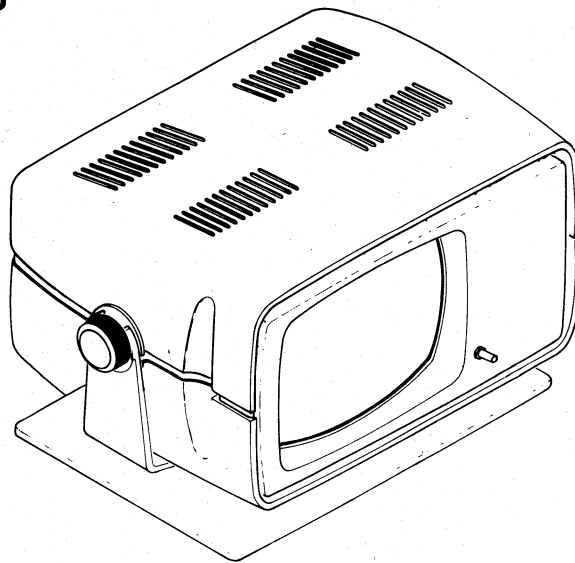
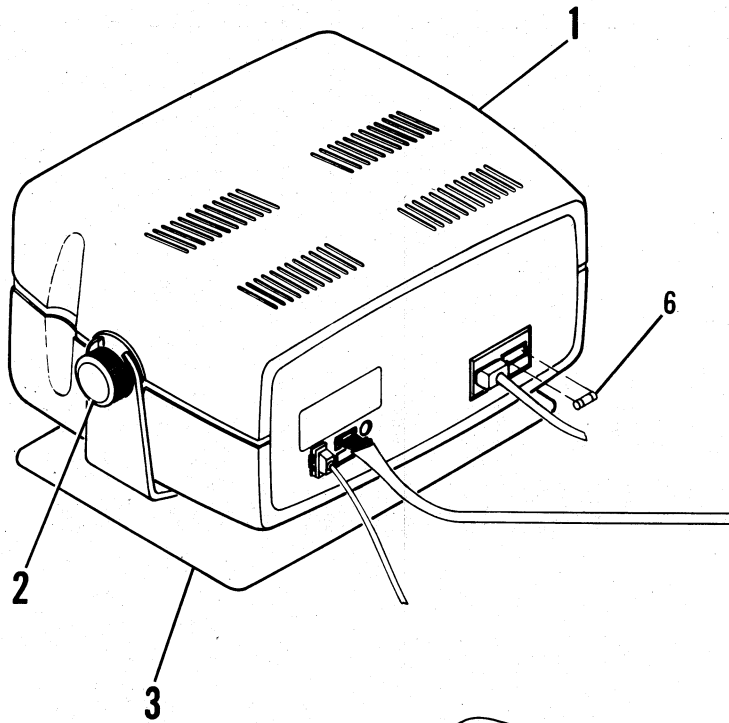
ECO		CHANGED		CHANGED		CHANGED		CHANGED	
NO.	REV	PG	ITEM	PG	ITEM	PG	ITEM	PG	ITEM
6286	00		FIRST RELEASE						

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# **CHAPTER I**

## **SUBSYSTEM AND PACKAGING**

# SUBSYSTEM KEY SHEET



## I/O CABLE FOR:

- 7 NOVA 800, 1200, 1200 JUMBO, 830, 840, MODELS 4010, 4023, 4060, 4061/4050, 4075, EXCEPT TO CPS WITH 4010, 4023
- 8 NOVA 800, 1200, 1200 JUMBO, 830, 840, MODELS 4010, 4023  
10 CPS
- 9 NOVA 1210, 1220, 2/4, 2/10, S100, S200, MODELS 4010, 4023, 4075, 4104, 4105, 4029, 4063 EXCEPT 10 CPS
- 10 NOVA 1210, 1220, 2/4, 2/10, S100, S200, MODELS 4010, 4023  
10 CPS
- 11 NOVA 800, 1200, 1200 JUMBO, 830, 840 WITH MODEL 4062
- 12 ALM 16  
4257 4260  
4258 4261
- 13 TERMINAL TO MODEM EIA INTERFACE
- 14 ALM 8  
4255, 4256

DG-03802

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PAGE & ITEM NO.	DESCRIPTION	QTY	DGC PART NO.	REF PAGE NO.
	ASSY BASIC LCD 6052	1	005-008001	III-2
	ASSY TERM ENHANCEMENT LCD 6053	1	005-008002	III-2
	ASSY BASIC 110V-60HZ	1	005-008021	
	ASSY LCD T.E. 110V-60HZ	1	005-008154	
1	ASSY MAIN CRT L/C DISPL	1	005-006747	
	ASSY MAIN CRT TERM ENHANCEMENT L/C DISPL	1	005-006845	
	ASSY CRT 60HZ/110V LCD	1	005-008022	
	ASSY CRT 60HZ/110V T.E. LCD	1	005-008155	
2	MECH PT KNOB CRT L/C TERM	2	002-005402	
3	ASSY PEDESTAL L/C DISPL	1	005-006748	III-14
4	ASSY KEYBOARD CVR A L/C DISPL	1	005-006743	III-16
5	ASSY KEYBOARD 1 L/C DISPL	1	005-006746	III-16
6	FUSE 1A SLO BLO 3AG	1	113-000056	
7	ASSY CA SER I/O N/800 1 STOP BIT CONF	1	005-007426	II-2
8	ASSY CA SER I/O N/800 2 STOP BIT CONF	1	005-007427	II-4
9	ASSY CA SER I/O N/1210 1 STOP BIT CONF	1	005-007428	II-6
10	ASSY CA SER I/O N/1210 2 STOP BIT CONF	1	005-007429	II-8
11	ASSY CA SER I/O N/800 W14062	1	005-007638	II-10
12	ASSY CA SER I/O ALM 16/4257	1	005-007636	II-12
13	ASSY CA SER I/O EIA INTFC	1	005-007637	II-14
14	ASSY CA SER I/O ALM8	1	005-008181	II-16

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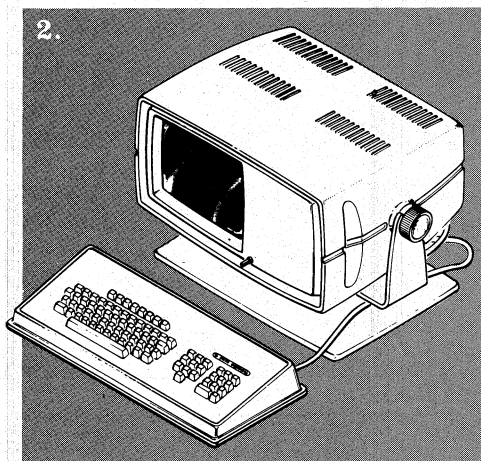
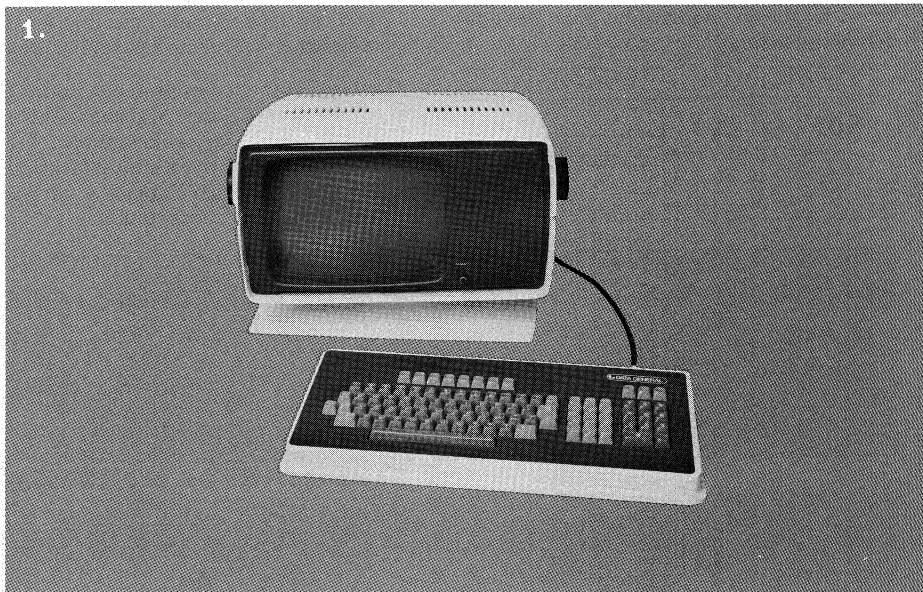
# DATA TERMINALS

MODELS 6052/6053 VIDEO DISPLAY TERMINALS  
MODELS 6054/6055 PRINTER OPTIONS

MARCH 1977

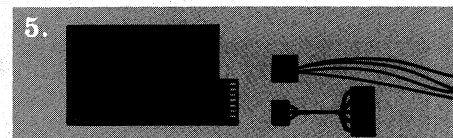
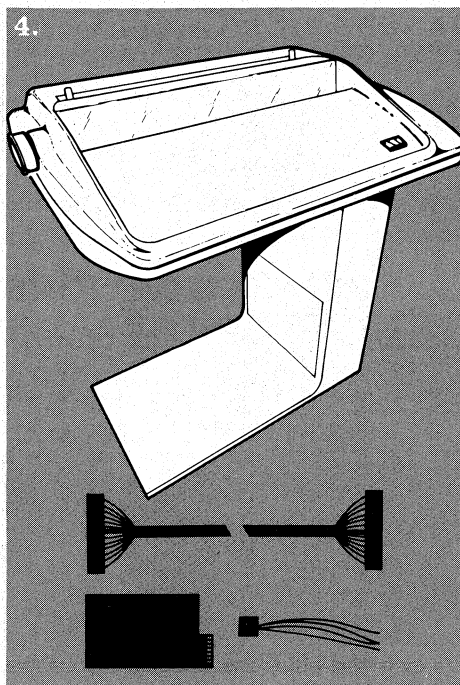
## SUBSYSTEM COMPONENTS

**1. Enhanced Video Display Terminal** includes display and keyboard with 4 foot interconnecting cable. Display characters are 5x8 dot matrix, with blink, dim and underscore attributes. Keyboard contains a typewriter-paired main keypad, 12-key screen management keypad, 11-key user function keypad, and numeric keypad.



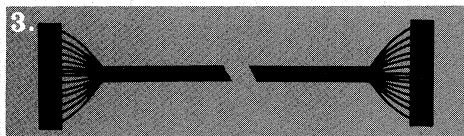
**2. Video Display Terminal** includes display and keyboard with 4 foot interconnecting cable. Display characters are 5x7 dot matrix with blink attribute. Keyboard contains a teletypewriter main keypad, 10-key screen management keypad, 8-key user function keypad, and numeric keypad.

## PRINTER OPTIONS



**5. Printer Option** contains printer interface components. Includes adapter to modem standard cable. The user must supply the printer and its cable.

## CABLE



**3. Device Cable** connects the terminal to a DGC asynchronous interface.

**4. Printer Subsystem Option** adds a 60 cps receive-only printer to a video display terminal. This option comprises the printer and interfacing components necessary to implement the printer as the terminal's output device. Includes 25 foot cable to printer.

# DATA TERMINALS

MODELS 6052/6053 VIDEO DISPLAY TERMINALS  
MODELS 6054/6055 PRINTER OPTIONS

MARCH 1977

## ORDERING INFORMATION

**Ordering Format** An ordering number for video display equipment must have the following format:

Ordering No. *	Designator For
<b>605X-αβ( )</b>	
MODEL NO.	input power
	character set
	device cable

### Model No. and input power

Select the desired model number and input power designator from the table below.

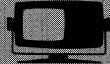
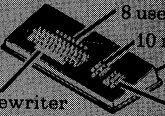

**Device Cable (α designator)** Select the required device cable from the table on the next page. Scan the table and locate the particular asynchronous interface you will use with the display. Replace α with the letter in the rightmost column.

**Character Set (β designator)** Select the character set desired from the table below. Replace β with the letter in the right column.


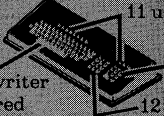

Character Set	β
USA	A
UNITED KINGDOM	B
FRENCH	C
GERMAN	D
SWEDISH	F

MODEL NO.	INPUT POWER (NOMINAL)				COMPONENTS INCLUDED			PREREQUISITES
	120V ac, 60 Hz	100V ac, 50 Hz	220V ac, 50 Hz	240V ac, 50 Hz	DISPLAY Dot Matrix w/blink 24 X 80 Character Screen	KEYBOARD With 4ft Cable	Cable	

### VIDEO DISPLAY TERMINAL

6052-αβ	●				5 X 7 matrix G upper case  Table-top	 8 user-function keys 10 management keys 11 numeric keys Teletypewriter	Device  25 ft.	DGC ASYNCHRONOUS INTERFACE
6052-αβ1		●						
6052-αβ2			●					
6052-αβ4				●				

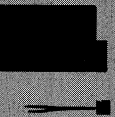
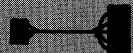
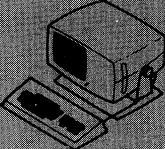
### ENHANCED VIDEO DISPLAY TERMINAL

6053-αβ	●				5 X 8 matrix Gg upper/lower case GG dim G underscore  Table-top	 11 user-function keys 11 numeric keys 12 management keys Typewriter paired	Device  25 ft.	DGC ASYNCHRONOUS INTERFACE
6053-αβ1		●						
6053-αβ2			●					
6053-αβ4				●				



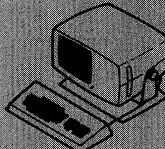
## PRINTER OPTIONS

MODEL NO.	INPUT POWER (NOMINAL) Same as above	COMPONENTS INCLUDED			PREREQUISITES
		Printer Interface	Printer	Cable	

### PRINTER INTERFACE

6054				9-inch adapter with modem standard conn. 25-pin female plug 	 6052 OR 6053 VIDEO DISPLAY
------	--	---	--	--	--

### PRINTER SUBSYSTEM

6055-αβ	●				MODEL 6041  DASHER TERMINAL RECEIVE ONLY 60 CPS	PRINTER  25 ft	 6052 OR 6053 VIDEO DISPLAY
6055-αβ1		●					
6055-αβ2			●				
6055-αβ4				●			

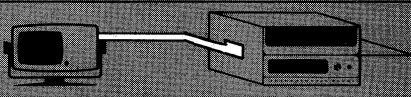
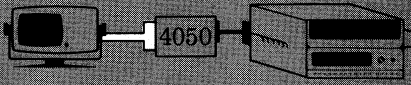
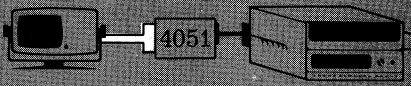
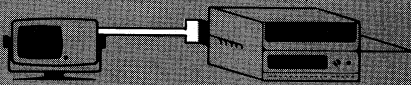
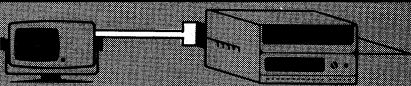


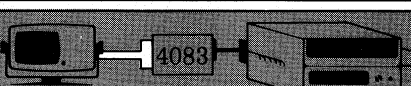
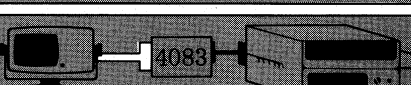
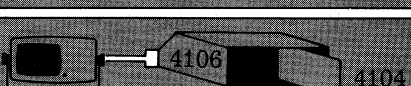
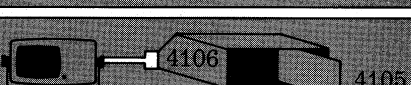
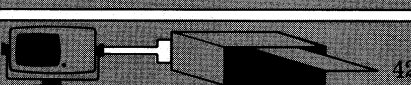
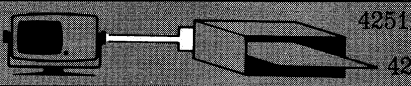
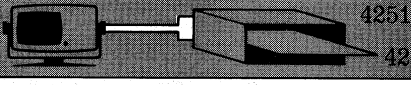

\* ALL designators MUST be included in the ordering number, except Model 6054 which requires no designators.



# DATA TERMINALS

MODELS 6052/6053 VIDEO DISPLAY TERMINALS  
MODELS 6054/6055 PRINTER OPTIONS  
MARCH 1977

## ORDERING INFORMATION (CABLES) *For 10 cps operation, specify 110 baud on order form*

ASYNCHRONOUS INTERFACE USED WITH DISPLAY				DEVICE CABLE & DESIGNATOR
MODEL NO.	DESCRIPTION	INTERCONNECTION		
4010	Asynchronous, 20 mA		4010 ON 4007	D
4007	Interface Subassembly			
4050	Teletypewriter Junction Panel		4061	D
4061	Asynchronous Multiplexor, 20 mA			
4051	Modem Junction Panel		4063	B
4063	Asynchronous Multiplexor, EIA style			
4060	Asynchronous Multiplexor, 20 mA		4060	D
4062	4-Line Asynchronous Multiplexor, EIA style		4062	H
4077	Asynchronous Line Controller, 20 mA		4077 ON 4075	D
4075	Interface Subassembly			
4078	Asynchronous, EIA style		4078 ON 4075	A
4075	Interface Subassembly			
4083	Communication Connector Panel		4061	D
4061	Asynchronous Multiplexor, 20 mA			
4083	Communication Connector Panel		4063	A
4063	Asynchronous Multiplexor, EIA style			
4104	Asynchronous Line Interface, 20 mA		4104	E
4106	Communication Chassis			
4105	Asynchronous Line Interface, EIA		4105	C
4106	Communication Chassis			
4207	microNOVA Asynchronous Interface		4207	I
4255 OR 4256	8- or 4-Line Asynchronous Line Multiplexor, Modem control		4251/2/3 4255/6	F
4251 OR 4252 OR 4253	4-Slot Communication Chassis			
4257 OR 4258	16- or 8-Line Asynchronous Multiplexor, for Local/Dedicated Lines		4251/2/3 4257/8	G
4251 OR 4252 OR 4253	4-Slot Communication Chassis			
MODEM EIA STD	EIA Standard Asynchronous Modem			J

# DATA TERMINALS

MODELS 6052/6053 VIDEO DISPLAY TERMINALS

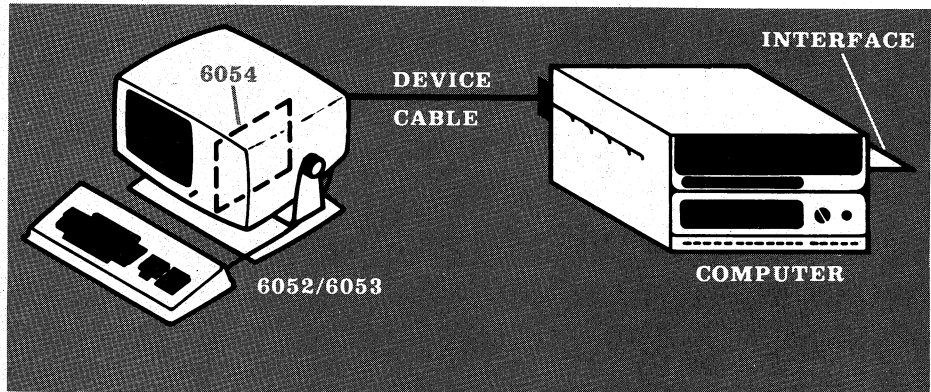
MODELS 6054/6055 PRINTER OPTIONS

MARCH 1977

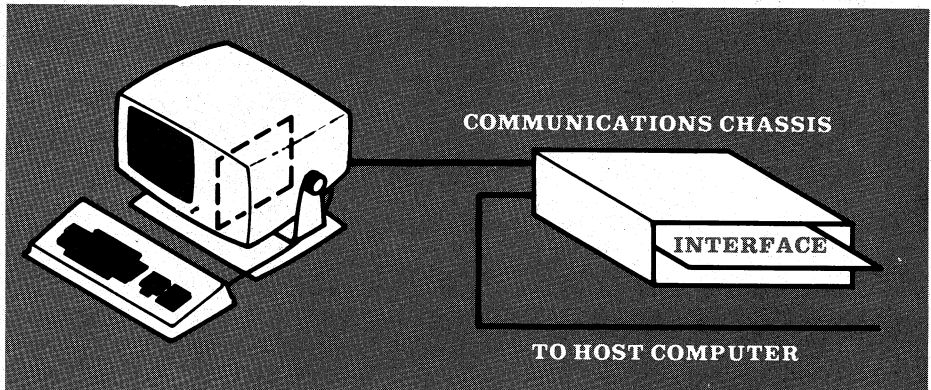
## PACKAGING

*A video display terminal may connect to any of a wide variety of asynchronous interfaces. A device cable is supplied with each terminal to connect it to a specific interface. The user must specify the appropriate cable when ordering.*

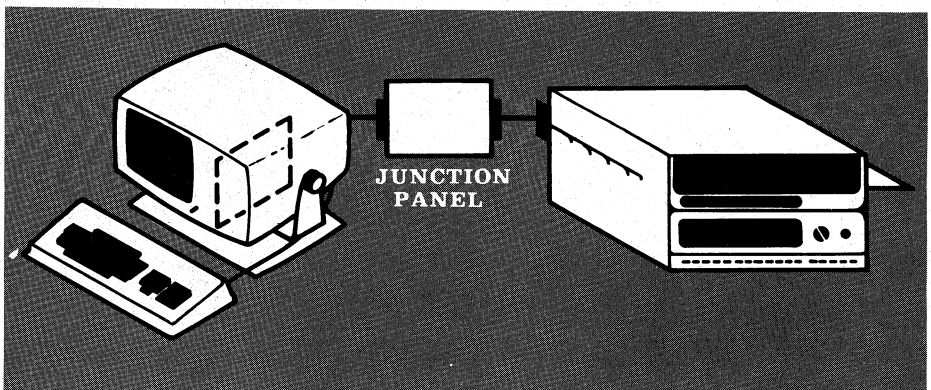
A 6052 or 6053 display terminal connected to a computer-mounted interface. The 6054 printer option is shown dotted; the user must supply the printer and its cable.



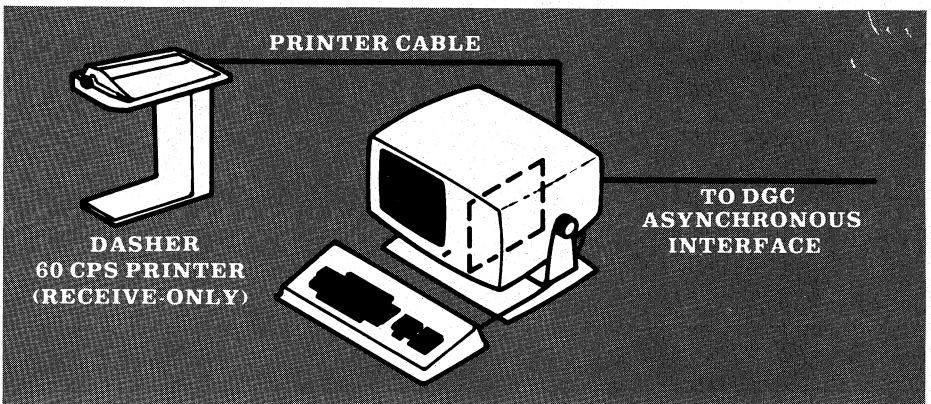
A 6052 or 6053 display terminal connected to a communication chassis interface.



A 6052 or 6053 display terminal connected to a multiplexed junction panel.

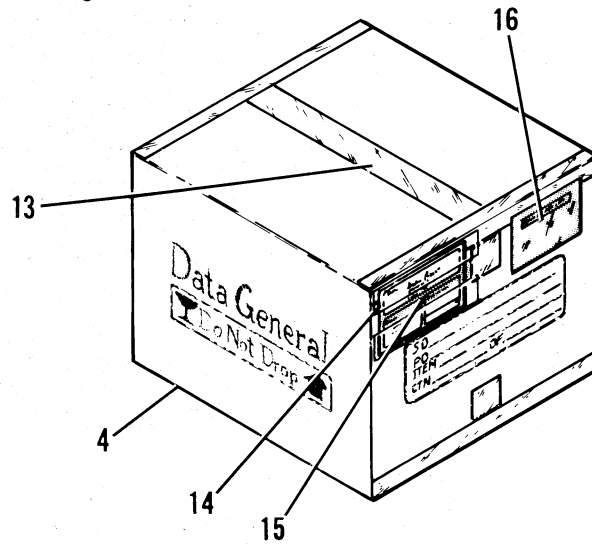
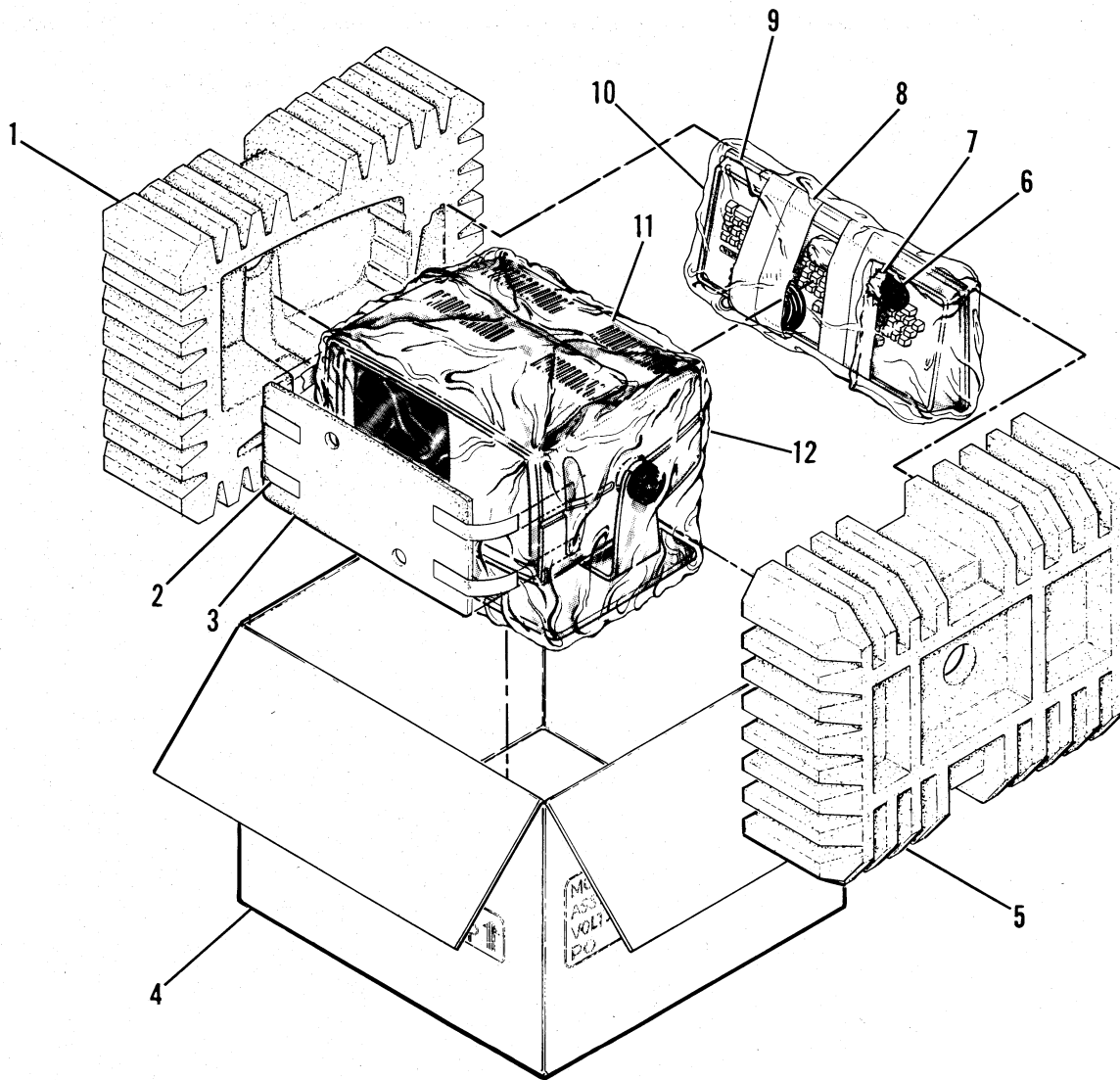


Interconnection scheme for a 6052 or 6053 display terminal with the 6055 printer subsystem option.



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# SHIPPING PACKAGE



DG-03803

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PAGE & ITEM NO.	DESCRIPTION	QTY	DGC PART NO.	REF PAGE NO.
I-4	<b>PACKAGING LCD</b>		<b>044-00010</b>	
1	END CAP (RIGHT SIDE)	1	129-000220	
2	PERMACEL GLASS TAPE, 1/2"	2 FT.	129-000026	
3	FRONT RESTRAINT	1	129-000218	
4	CORRUGATED BOX	1	129-000243	
5	END CAP (LEFT SIDE)	1	129-000219	
6	POWER CORD	REF		III-2
7	FOAM PAD	1	129-000247	
8	FILAMENT TAPE, 2 IN.	9 FT	129-000130	
9	LCD KEYBOARD	REF		III-16
10	POLYBAG (KEYBOARD)	1	129-000244	
11	LCD MONITOR	REF		III-2, III-13
12	POLYBAG (MONITOR)	1	129-000245	
13	REINFORCED SEALING TAPE, 2 IN.	9 FT	129-000027	
14	CLEAR SCOTCH TAPE, 2 IN.	2 FT	129-000051	
15	DGC SHIPPING LABEL	1	129-000030	
16	DGC PACKING LIST	1	129-000043	

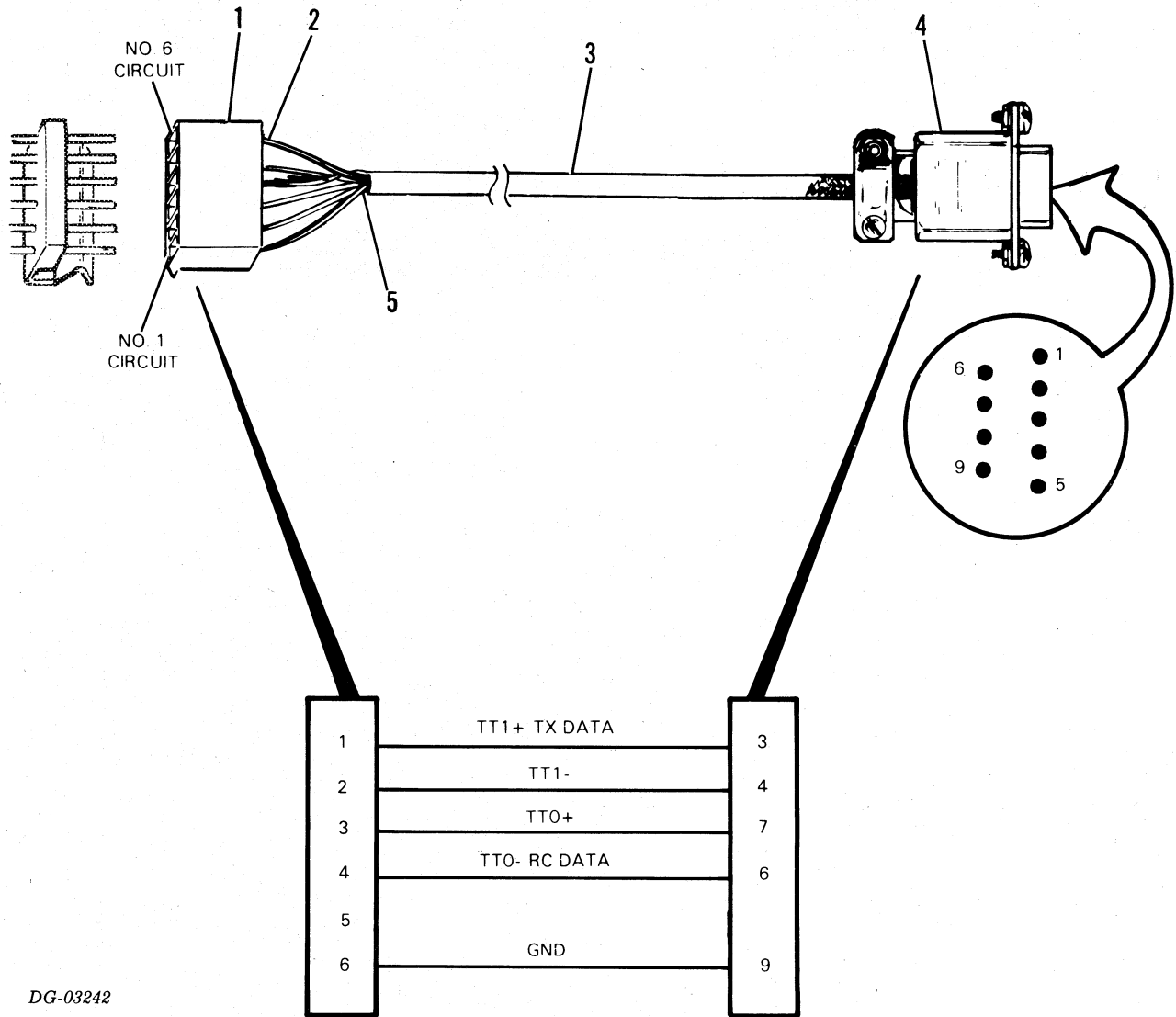
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# **CHAPTER II**

## **EXTERNAL CABLES**

# I/O CABLE N/800 1 STOP BIT CONFIGURATION

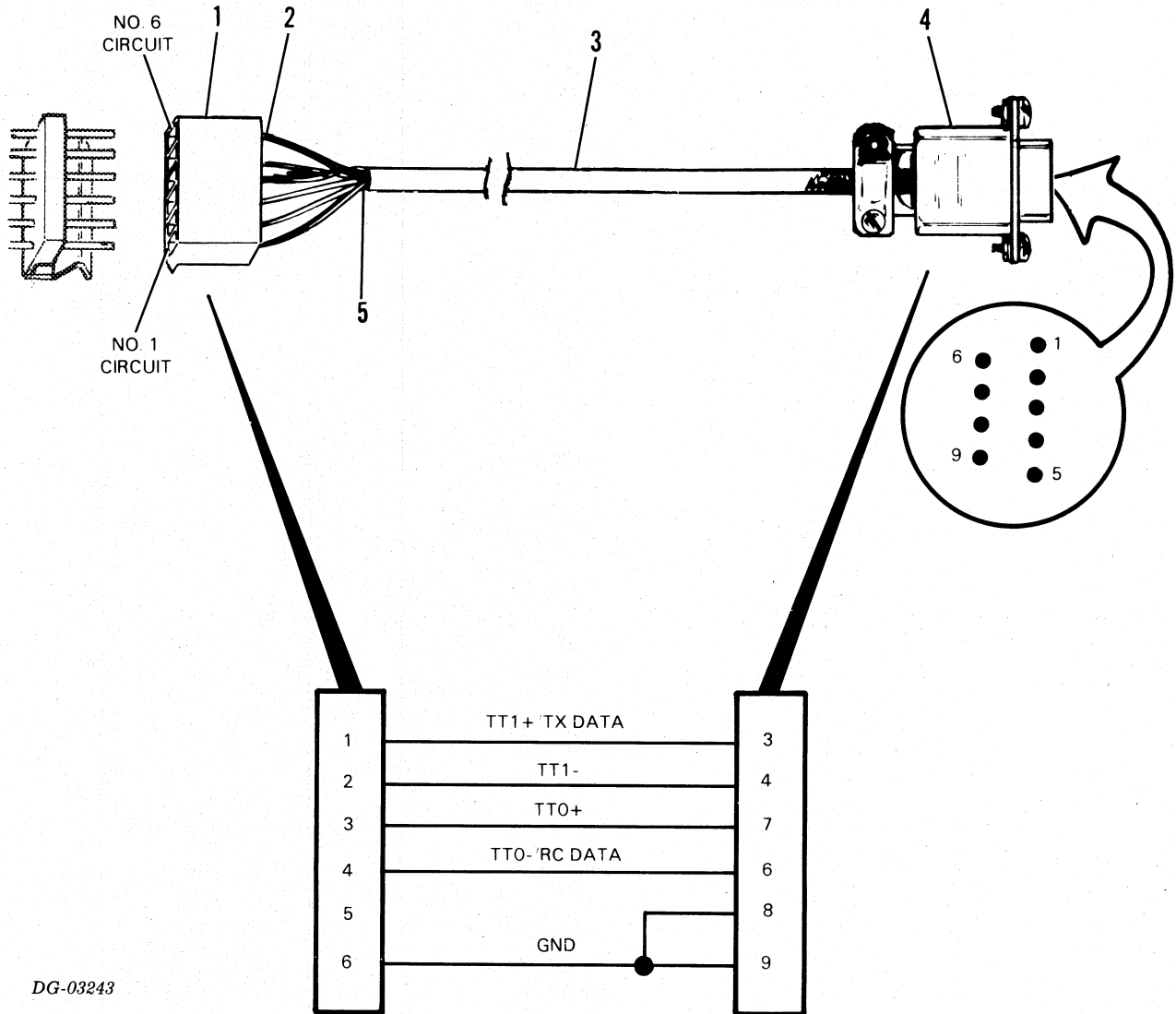


DG-03242

PAGE & ITEM NO.	DESCRIPTION	QTY	DGC PART NO.	REF PAGE NO.
II-2	<b>I/O CABLE N/800 1 STOP BIT CONF</b>		<b>005-007426</b>	<b>I-2</b>
1	CONN PCB MOLEX 09-50-3061	1	111-000565	
2	TERM 2478 18-24 AWG MOLEX 08-50-0105	5	111-000578	
3	TUBING 1/2 DIA HEAT SHRINK BLK	10'	109-000061	
4	CONN 9 CONT PLUG DEC 9 P W/O PINS	1	111-000331	
	CONN JUNCTION SHELL DE 24657	1	111-000019	
	CONN SCREW LOGIC MALE D20419-16	2	111-000023	
	CONN MALE D/10238-34	5	111-000146	
5	CABLE 22 AWG 6-COND 7 X 32	20'	109-000786	

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# I/O CABLE N/800 2 STOP BIT CONFIGURATION

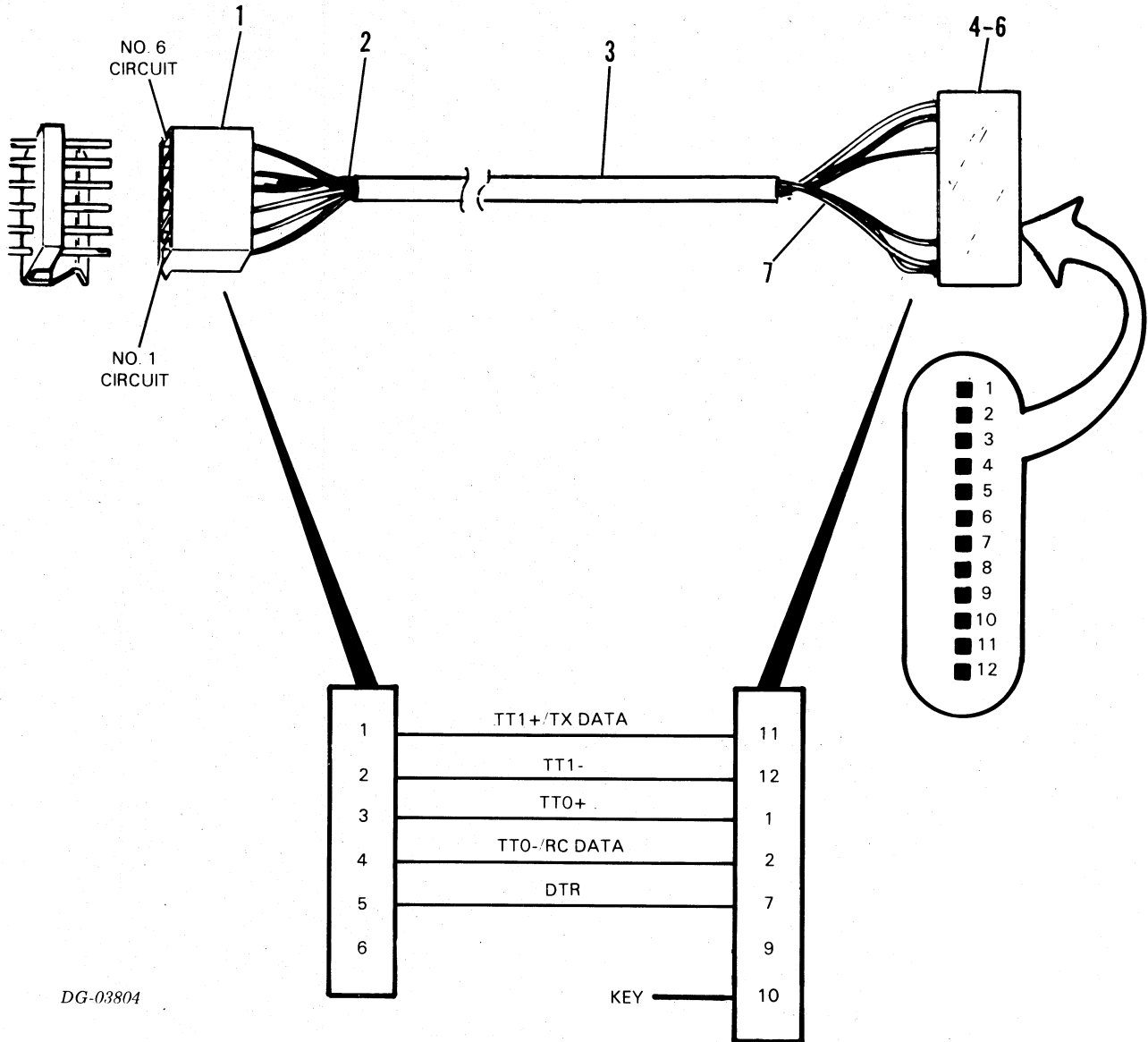


DG-03243

PAGE & ITEM NO.	DESCRIPTION	QTY	DGC PART NO.	REF PAGE NO.
II-4	<b>I/O CABLE N/800 2 STOP BIT CONF</b>		<b>005-007427</b>	<b>I-2</b>
1	CONN PCB MOLEX 09-50-3061	1	111-000565	
2	TERM 2478 18-24 AWG MOLEX 08-50-0105	5	111-000578	
3	TUBING 1/2 DIA HEAT SHRINK BLK	10'	109-000061	
4	CONN 9 CONT PLUG DEC 9P W/O PINS	1	111-000331	
	CONN JUNCTION SHELL DE 24657	1	111-000019	
	CONN SCREW LOCK MALE D20419-16	2	111-000023	
	CONN MALE D/10238-34	5	111-000146	
5	CABLE 22 AWG 6-COND 7 X 32	20'	109-000086	
	WIRE TERMINATION 22 AWG WHT	4"	029-001306	

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# I/O CABLE N/1210 1 STOP BIT CONFIGURATION



DG-03804

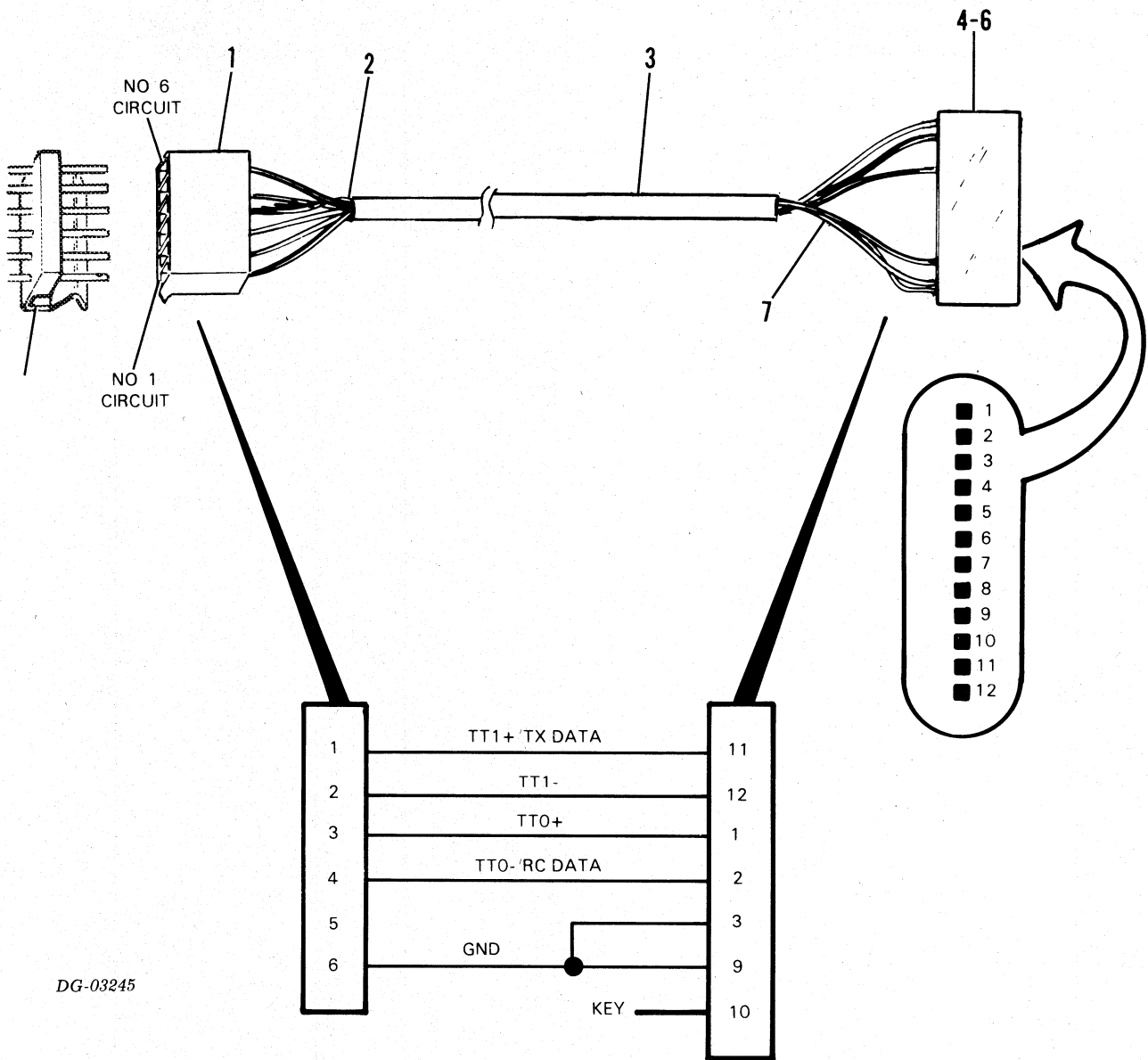
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PAGE & ITEM NO.	DESCRIPTION	QTY	DGC PART NO.	REF PAGE NO.
II-6	<b>I/O CABLE N/1210 1 STOP BIT CONF</b>		<b>005-007428</b>	<b>I-2</b>
1	CONN PCB MOLEX 09-50-3061	1	111-000565	
2	TERM 2478 18-24 AWG MOLEX 08-50-0105	6	111-000578	
3	TUBING 1/2 DIA HEAT SHRINK BLK	10'	109-000061	
4	CONN AMP 85969-2 CRP 24-20 AWG	6	111-000058	
5	CONN 12 POSITION AMP 86402-4	1	111-000114	
6	CONN KEY AMP 86286-1	1	111-000148	
7	CABLE 22 AWG 6-COND 7 X 32	20'	109-000086	

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# I/O CABLE N/1210 2 STOP BIT CONFIGURATION



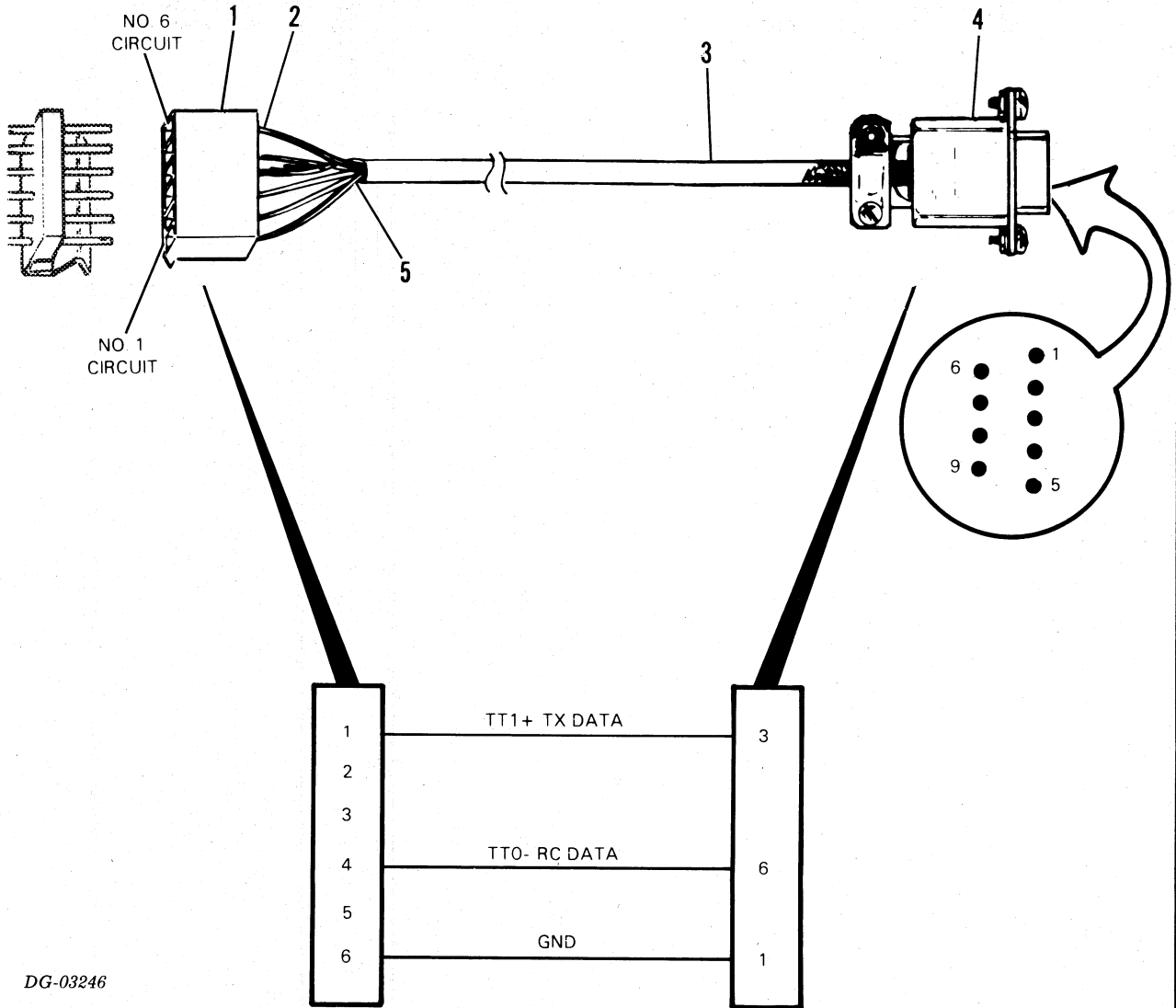
DG-03245

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PAGE & ITEM NO.	DESCRIPTION	QTY	DGC PART NO.	REF PAGE NO.
II-8	<b>I/O CABLE N/1210 2 STOP BIT CONF</b>		<b>005-007429</b>	<b>I-2</b>
1	CONN PCB MOLEX 09-50-3061	1	111-000565	
2	TERM 2478 18-24 AWG MOLEX 08-50-0105	5	111-000578	
3	TUBE 1/2 DIA HEAT SHRINK BLK	10''	109-000061	
4	CONN AMP 85969-2 CRP 24-20 AWG	5	111-000058	
5	CONN 12 POSITION AMP 86402-4	1	111-000114	
6	CONN KEY AMP 86286-1	1	111-000148	
7	CABLE 22 AWG 6-COND 7 X 32	20'	109-000086	
	WIRE TERMINATION 22 AWG WHT	6''	029-001485	

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# I/O CABLE N/800 W/4062

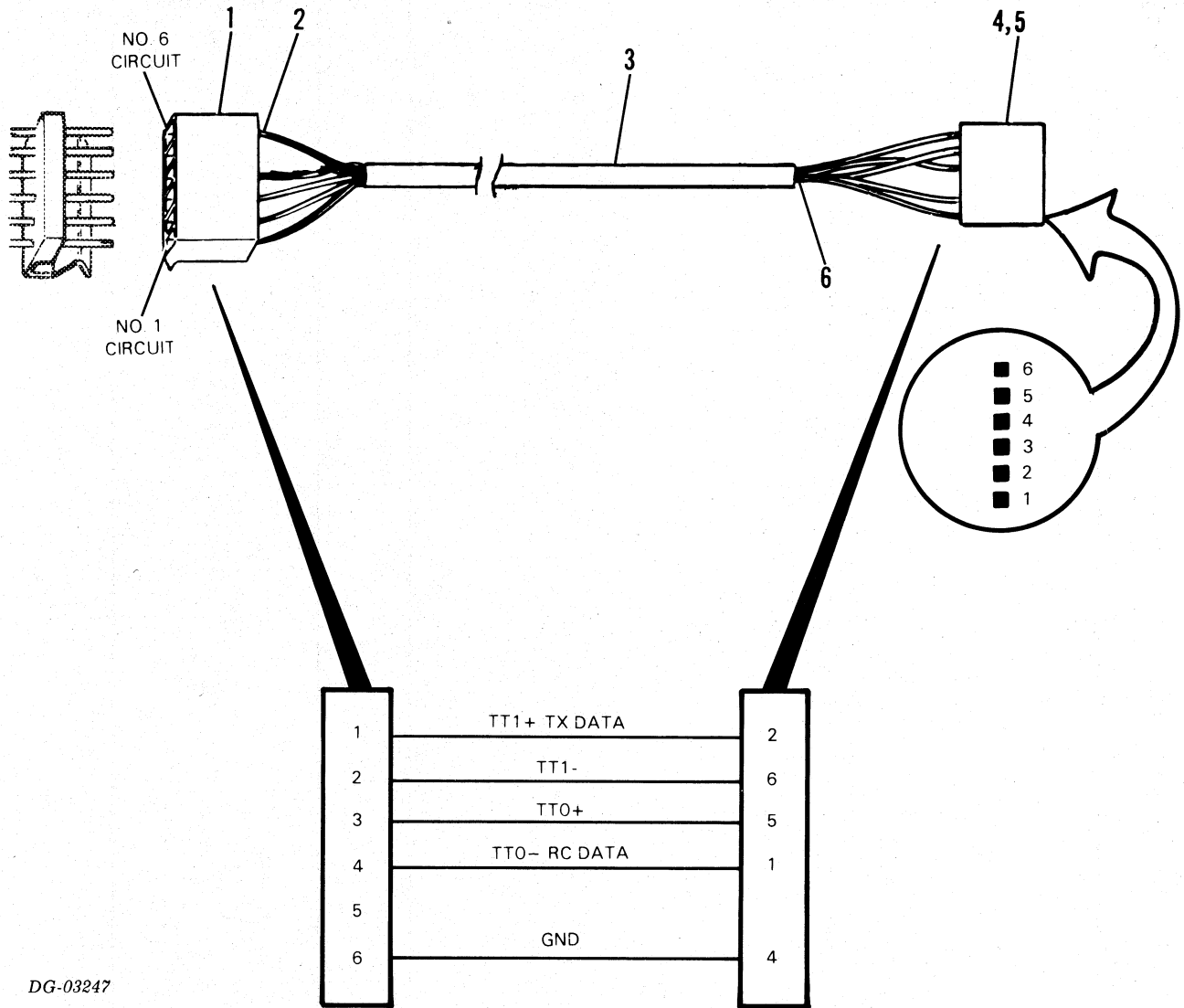


DG-03246

PAGE & ITEM NO.	DESCRIPTION	QTY	DGC PART NO.	REF PAGE NO.
II-10	I/O CABLE N/800 W/4062		005-007638	I-2
1	CONN PCB MOLEX 09-50-3061	1	111-000565	
2	TERM 2478 18-24 AWG MOLEX 08-50-0105	3	111-000578	
3	TUBING 1/2 DIA HEAT SHRINK BLK	10'	109-000061	
4	CONN 9 CONT PLUG DEC 9P W/O PINS	1	111-000331	
	CONN JUNCTION SHELL DE 24657	1	111-000019	
	CONN SCREW LOCK MALE D20419-16	2	111-000023	
	CONN MALE/D110238-34	3	111-000146	
5	CABLE 22 AWG 6-COND 7 X 32	20'	109-000086	

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I/O CABLE ALM 16/4257

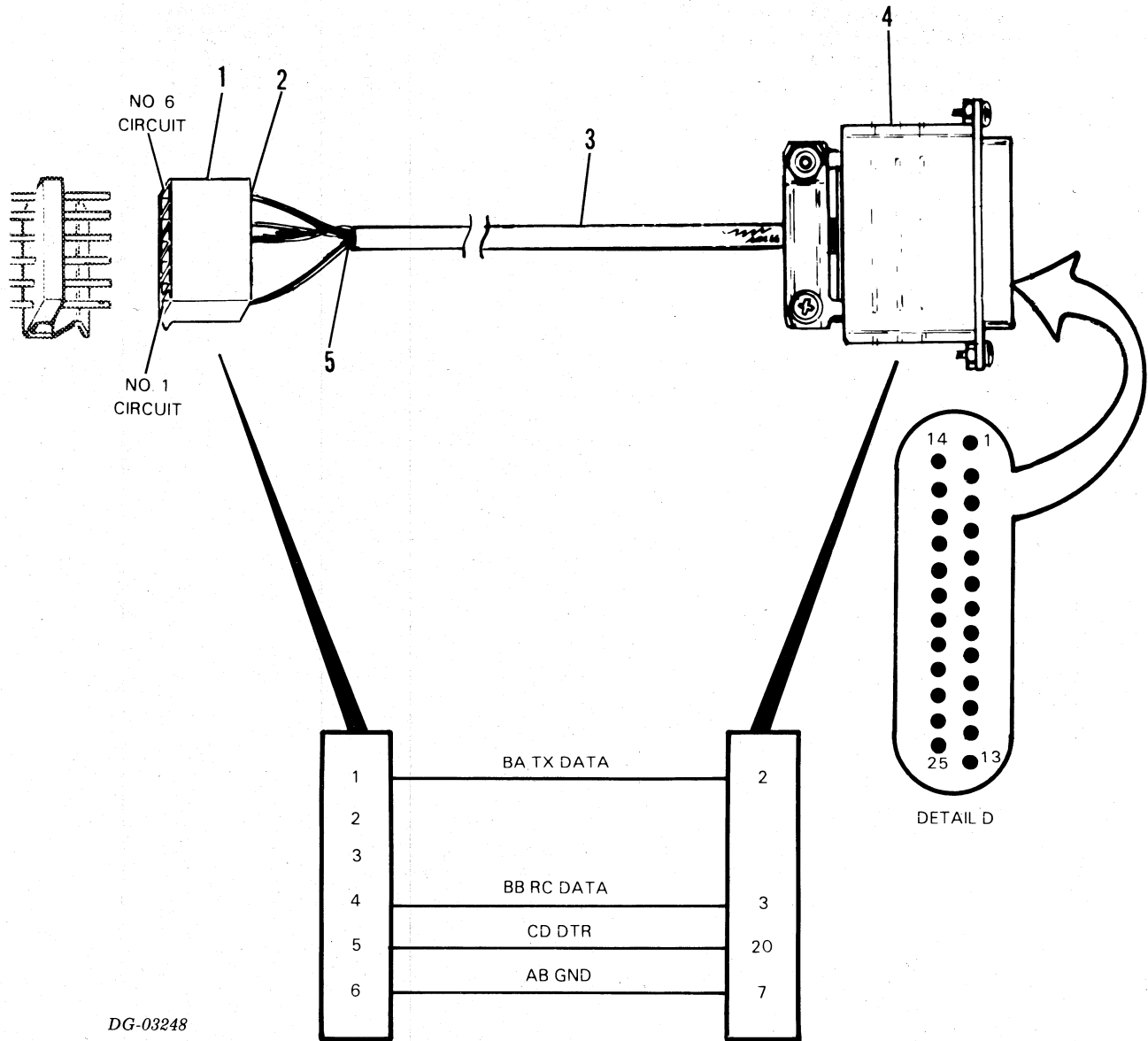


DG-03247

PAGE & ITEM NO.	DESCRIPTION	QTY	DGC PART NO.	REF PAGE NO.
II-12	I/O CABLE ALM 16/4257		005-007636	I-2
1	CONN PCB MOLEX 09-50-3061	1	111-000565	
2	TERM 2478 18-24 AWG MOLEX 08-50-0105	5	111-000578	
3	TUBING 1/2 DIA HEAT SHRINK BLK	10"	109-000061	
4	CONN AMP 85969-2 CRP 24-20 AWG	5	111-000058	
5	CONN 6 PIN MADE FROM DGC111-000113	1	111-000454	
6	CABLE 22 AWG 6 COND 7 X 32	20'	109-000086	

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# I/O CABLE EIA INTERFACE



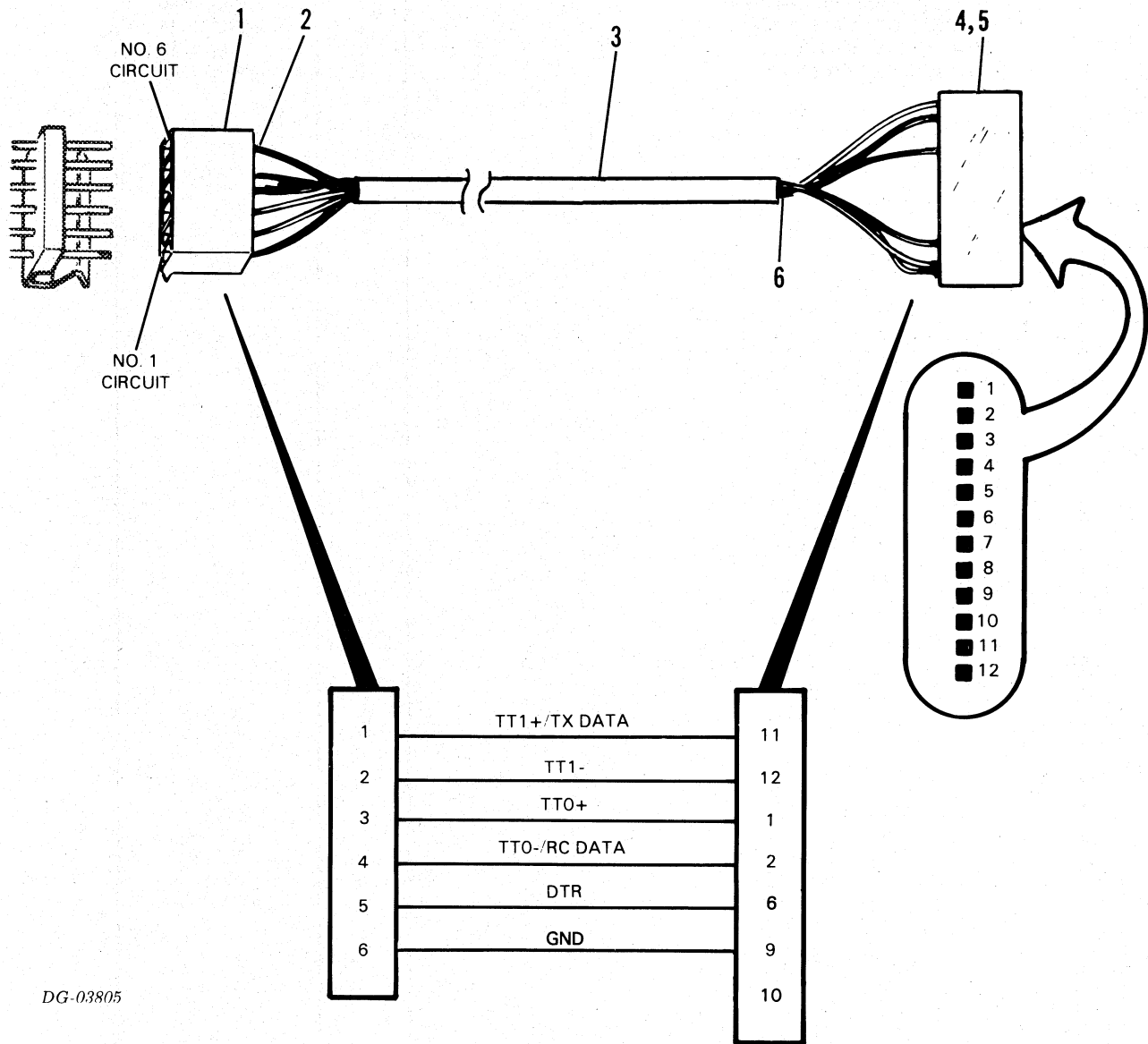
DG-03248



PAGE & ITEM NO.	DESCRIPTION	QTY	DGC PART NO.	REF PAGE NO.
II-14	<b>I/O CABLE EIA INTFC</b>		<b>005-007637</b>	<b>I-2</b>
1	CONN PCB MOLEX 09-50-3061	1	111-000565	
2	TERM 2478 18-24 AWG MOLEX 08-50-0105	4	111-000578	
3	TUBING 1/2 DIA HEAT SHRINK BLK	10'	109-000061	
4	CONN 25 CONT PLUG DEC 25P W/O PINS	1	111-000333	
	CONN JUNCTION SHELL DB 24659	1	111-000020	
	CONN SCREW LOCK MALE 20419-21	2	111-000024	
	CONN MALE/D 110238-34	2	111-000146	
5	CABLE 22 AWG 6-COND 7 X 32	20'	109-000086	

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# I/O CABLE SERIAL LCD TO ALM 8



DG-03805

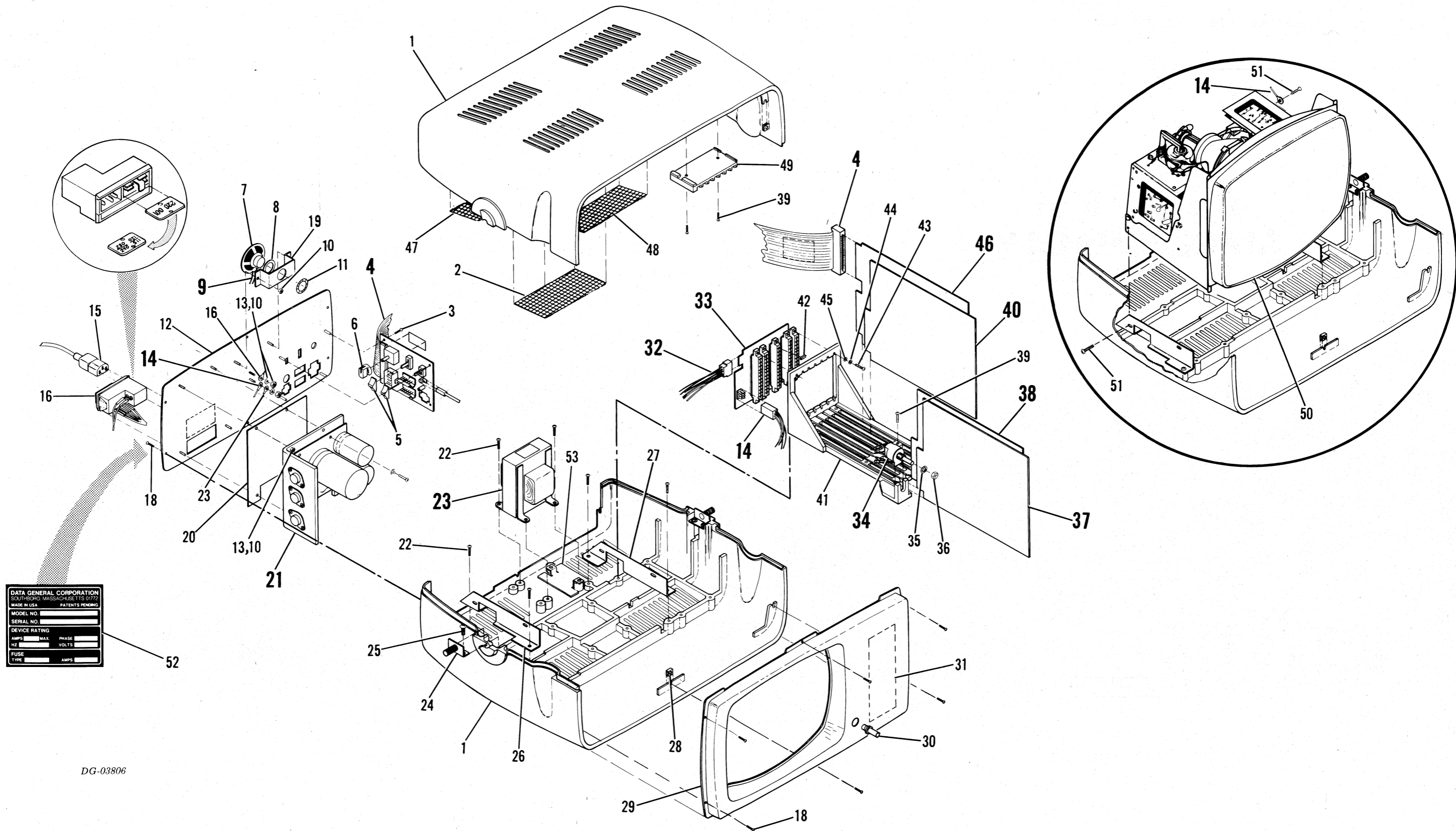
PAGE & ITEM NO.	DESCRIPTION	QTY	DGC PART NO.	REF PAGE NO.
<b>II-16</b> 1 2 3 4 5 6	<b>I/O CABLE SERIAL LCD TO ALM 8</b> CONN PCB MOLEX 09-50-3061 TERM 2478 18-24 AWG MOLEX 08-50-0105 TUBING 1/2" DIA HEAT SHRINK TUBING CONN AMP 85969-2 CRP24-20AWG CONN 12 POSITION AMP 86402-4 CABLE 22 AWG 6-COND 7 X 32 WIRE TERMINATION 22 AWG WHT	 1 3 10" 3 1 1 2"	<b>005-008181</b> 111-000565 111-000578 109-000061 111-000058 111-000114 109-000086 029-001487	<b>I-2</b>

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**CHAPTER III  
MAIN ASSEMBLY**

**MAIN ASSEMBLY**



DG-03806

The drawings and specifications contained herein are the property of DGC and shall neither be reproduced in whole or in part without DGC prior written approval nor be implied to grant any license to make, use or sell equipment manufactured in accordance herewith.

PAGE & ITEM NO.	DESCRIPTION	QTY	DGC PART NO.	REF PAGE NO.
III-2	MAIN CRT ASSEMBLY BASIC MODEL		005-008001	I-2
	MAIN CRT ASSEMBLY ENHANCED MODEL		005-008002	I-2
1	MECH PT ENCL CASE INTEL TERM	2	002-004955	
2	MECH PT CVR 5.34 X 2.38 LCD	2	002-000121	
3	HDW SCR PHH PNH SCDP 4-40 X 1/4	4	106-000478	
4	ASSY PCB ACCESSORY TESTED L/C DISPL	1	005-006769	
	IPL ACCESSORY BD DISPL	REF	016-000323	
5	STD PT CAP, SW BTN BLU 6-02-56	2	123-001024	
6	STD PT KNOB, RND W/BAR POINTER 4011C	1	123-001020	
7	STD PT SPEAKER, 2" P.M. 99-60360	1	123-000828	
8	HDW WSHR FLAT FBR 1.1250DX, 87571DX.031	1	106-000884	
9	ASSY CA INT BEEPER TO CONN FRAME	1	005-006756	III-8
10	HDW NUT HEX KEP SCDP 6-32	8	106-000256	
11	STD PT CLIP, RND TNRMN (1515155-014)	1	123-001059	
12	MECH PT REAR PLATE ASSY, CRT TERM	1	002-005374	
13	HDW WSHR FLAT NO. 6.156 X .375 X .049 SCDP	6	106-000461	
14	ASSY CA INT P/S TO B/P L/C DISPL	1	005-006835	III-10
15	CORD LINE BELDEN 17250	1	109-000249	
16	CONN W/LN FLTR/VOLT SEL 6J4	1	111-000709	
17	MISC INSPECTION STICKER	5	110-000067	
18	HDW SCR PHH PNH TF BLK OXD 6-32 X 3/8	12	106-000909	
19	MECH PT SPKR BRKT, LCD	1	002-005770	
20	MECH PT P/S MTG BRKT THERMAL PAD	1	002-005789	
21	ASSY PWR SUPPLY LCD	1	005-006767	
	MECH PT BRKT, P/S MTG DISPL TERM	1	002-005298	
	ASSY PCB P/S L/C DISPL	1	005-006768	
	IPL P/S PCB LCD	REF	016-000353	
	ASSY CA INT P/S JMPR L/C DISPL	1	005-006836	
	IC LM320K-12 NEG 12V 3 TERM REG	1	100-000354	
	IC LM340K-15 POS 15V 3 TERM REG	1	100-000355	
	IC LM323K SH323KC	1	100-000591	
	HDW SCR PHH PNH SCDP SEMS 6-32 X 1/2	5	106-000546	
	HDW WSHR FLAT PVC .17IDX .370DX 0.06THK	1	106-000608	
	STD PT SOCKET TO-3	3	123-000052	
	STD PT PAD, COND SILICONE TO-3	3	123-001062	
22	SLTD HEX WSHR HD PLASTITE SCDP NO. 6 X 3/8	8	106-000916	
23	ASSY TRANSFORMER LCD	1	005-007616	III-10
	XFMR PWR, DISPL TERM	1	104-000165	
	SLEEVE 3/16" HEAT SHRINK	1	109-000099	
	TERM R TNG NO. 6 STUD 18-22 AMP 2-34144-1	1	111-000264	
	TERM FEMALE .093DIA 18-22GA MOLEX 1381	7	111-000270	
	CONN CONTACT AMP 87270 SER 87269-1	2	111-000671	
	CONN 2P AMP NO 87270-2	1	111-000672	
	TERM FEMALE PIN NO 18-22 02-05-3204 MLX	5	111-000700	
24	MECH PT BRKT, ANGLE CASE/YOKE SPRT	2	002-005394	
25	SLTD HEX WSHR HD PLASTITE SCDP NO. 8 X 3/8	4	106-000915	
26	MECH BRKT MONITOR LH L/C CRT TERM	1	002-005403	
27	MECH PT BRKT MONITOR RH L/C CRT TERM	1	002-005404	
28	STD PRT TNRMN CLIP C11351-632	12	123-001120	
29	MECH PT BEZEL, CRT TERM, INTEL TERM	1	002-005122	
30	STD PT KNOB FOR SHAFT, 295601	1	123-000979	
31	MECH PT FOAM PAD LCD	1	002-006123	
32	ASSY CA INT CRT TO B/P L/C DISPL	1	005-006844	III-6
33	ASSY PCB CONN FRAME TESTED	1	005-006757	
	IPL B/P DISPL TERM	REF	016-000322	
34	ASSY CA INT PWR SWITCH L/C DISPL	1	005-006752	III-8
35	HDW WSHR INTL TOOTH SCDP 3/8	1	106-000554	
36	HDW NUT HEX 3/32 THK SCDP-3/8-32UNEF	1	106-000553	

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PAGE & ITEM NO.	DESCRIPTION	QTY	DGC PART NO.	REF PAGE NO.
37	ASSY PCB VIDEO GEN	1		
	L/C DISPL BASIC	1	005-006761	
	IPL DSPL VIDEO LCD	REF	016-000347	
	ENHANCED TERM	1	005-006837	
	IPL DSPL VID TE LCD	REF	016-000348	
38	ASSY PCB DISPL MEMORY	1		
	0607 BASIC	1	005-007544	
	0608 BASIC	1	005-007546	
	0607 TE	1	005-007548	
	0608 TE	1	005-007550	
	IPL DSPL MEM LCD	REF	016-000343	
	IPL DISPLAY MEMORY	REF	016-000344	
39	HDW SCR PHH PNH PLASTITE SCDP NO. 4 X 1/2	6	106-000852	
40	ASSY PCB CTRL TESTED L/C DISPL	1	005-006765	
	IPL DSPL CTL LCD	REF	016-000349	
41	MECH PT CARD GUIDE, BOTTOM DISPL TERM	1	002-005330	
42	CONN POLARIZING KEY BETWEEN CONTACT	5	111-000723	
43	HDW SCR PHH PNH SCDP 4-40X 9/16	6	106-000065	
44	HDW WSHR LOCK SPLIT SCDP NO. 4	6	106-000669	
45	HDW WSHR FLAT NO 4, .125 X .312 X 0.032 SCDP	6	106-000265	
46	ASSY PCB I/O TESTED L/C DISPL	1	005-006759	
	IPL ASYNCH I/O L/C DISPL	REF	016-000350	
47	MECH PT CVR 5.81 X 2.69 LCD	1	002-006120	
48	MECH PT CVR W/NOTCHES LCD	1	002-006122	
49	MECH PT CARD GUIDE TOP DISPL TERM	1	002-005329	
50	PVR ASSY 12" VIDEO MONITOR	1	118-000519	
51	HDW SCR HEX WSHR HD TF SCDP 8-32 X 5/16	3	106-000816	
52	EQUIPMENT LABEL	1	002-006209	
53	MECH PT SHIELD	1	002-006312	

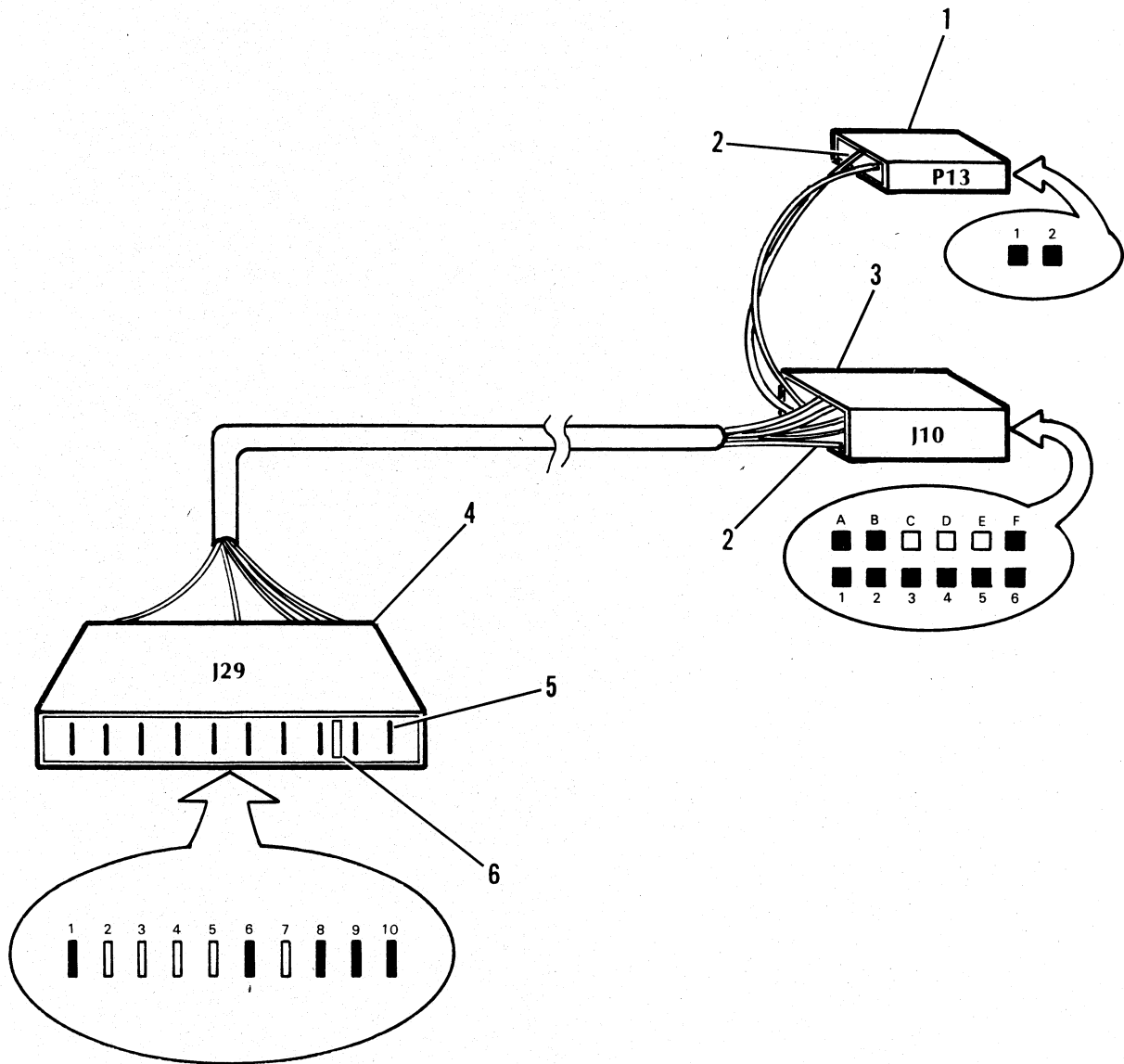
III-12

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# INTERNAL CABLE CRT TO BACK PANEL

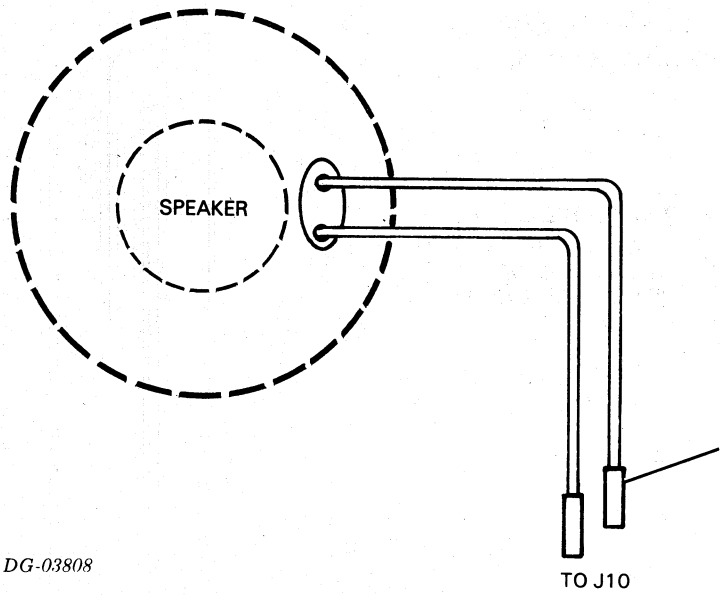


DG-03807

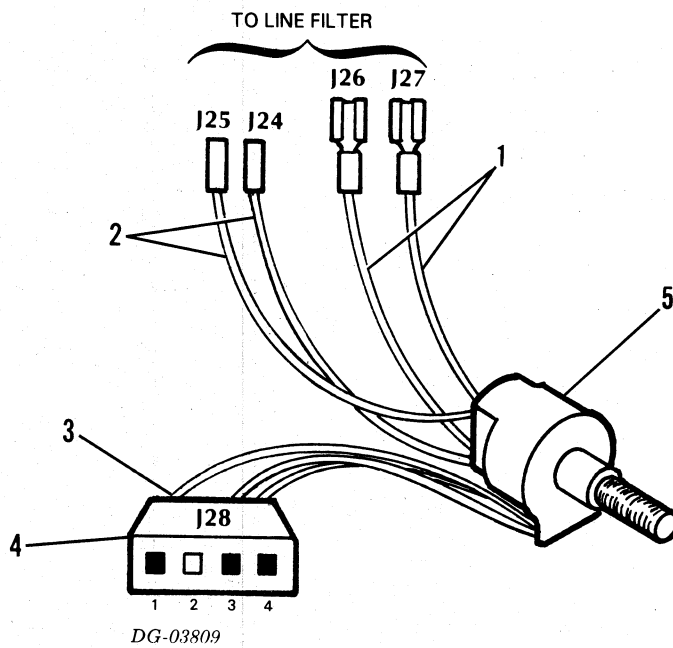
PAGE & ITEM NO.	DESCRIPTION	QTY	DGC PART NO.	REF PAGE NO.
III-6	<b>ASSY CA INT CRT TO B/PL/C DSPL</b>	1	<b>005-006844</b>	III-2, 22
1	CONN PLUG 2P MOLEX 09-50-7021	1	111-000668	
2	WIRE TERMINATION 24 AWG BLK/WHT	14"	029-001937	
	WIRE TERMINATION 24 AWG WHT	15"	029-001938	
	WIRE TERMINATION 24 AWG BLK	15"	029-001939	
	WIRE TERMINATION 24 AWG ORG	15"	029-001940	
	WIRE TERMINATION 24 AWG RED	15"	029-001941	
	WIRE TERMINATION 24 AWG BLU	15"	029-001942	
3	CONN EDGE BRD-6 DUAL W/O EARS	1	111-000543	
4	CONN IOP EDGE, 156 CTRS 583299-1	1	111-000694	
5	CONN CONTACT CRIMP FORK 583259-3	5	111-000695	
6	CONN KEY, POLAR, PL			

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## INTERNAL CABLE BEEPER TO CONNECTOR FRAME



## INTERNAL CABLE POWER SWITCH

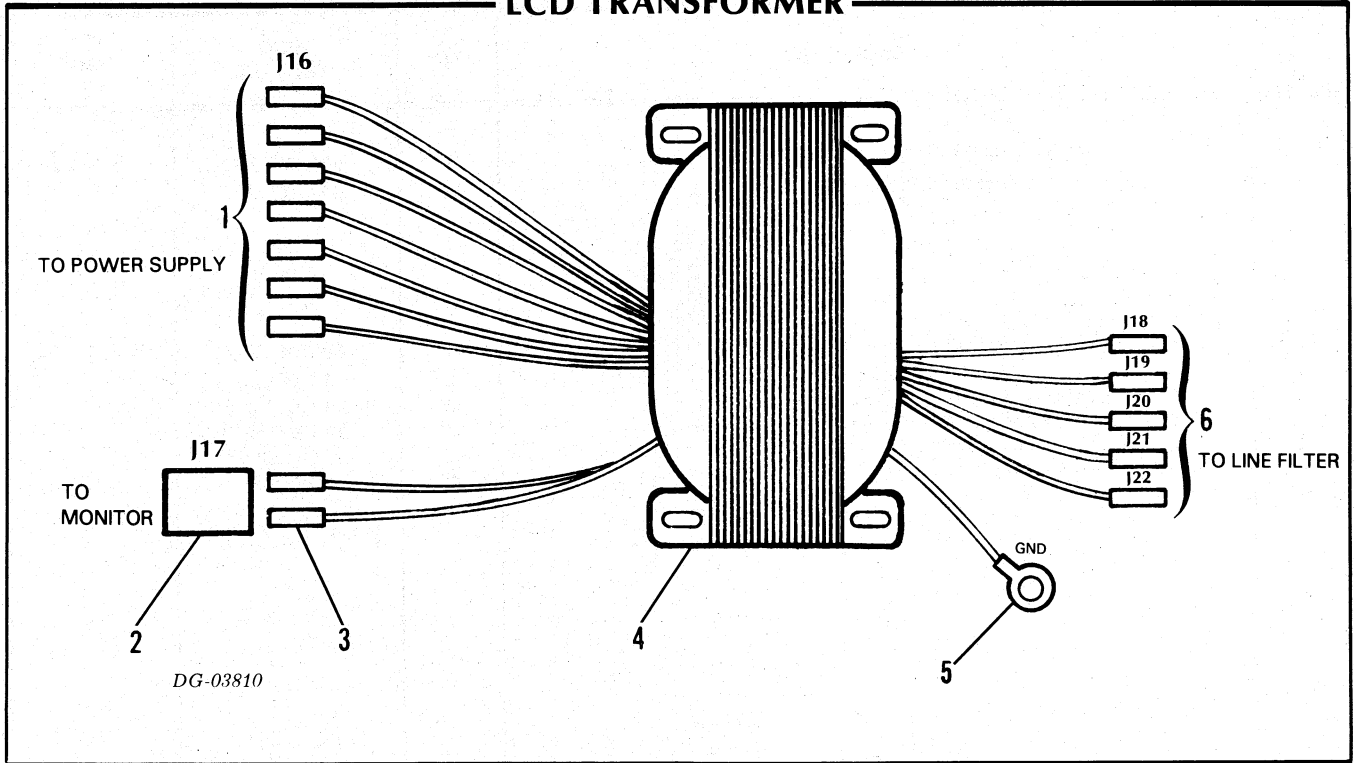


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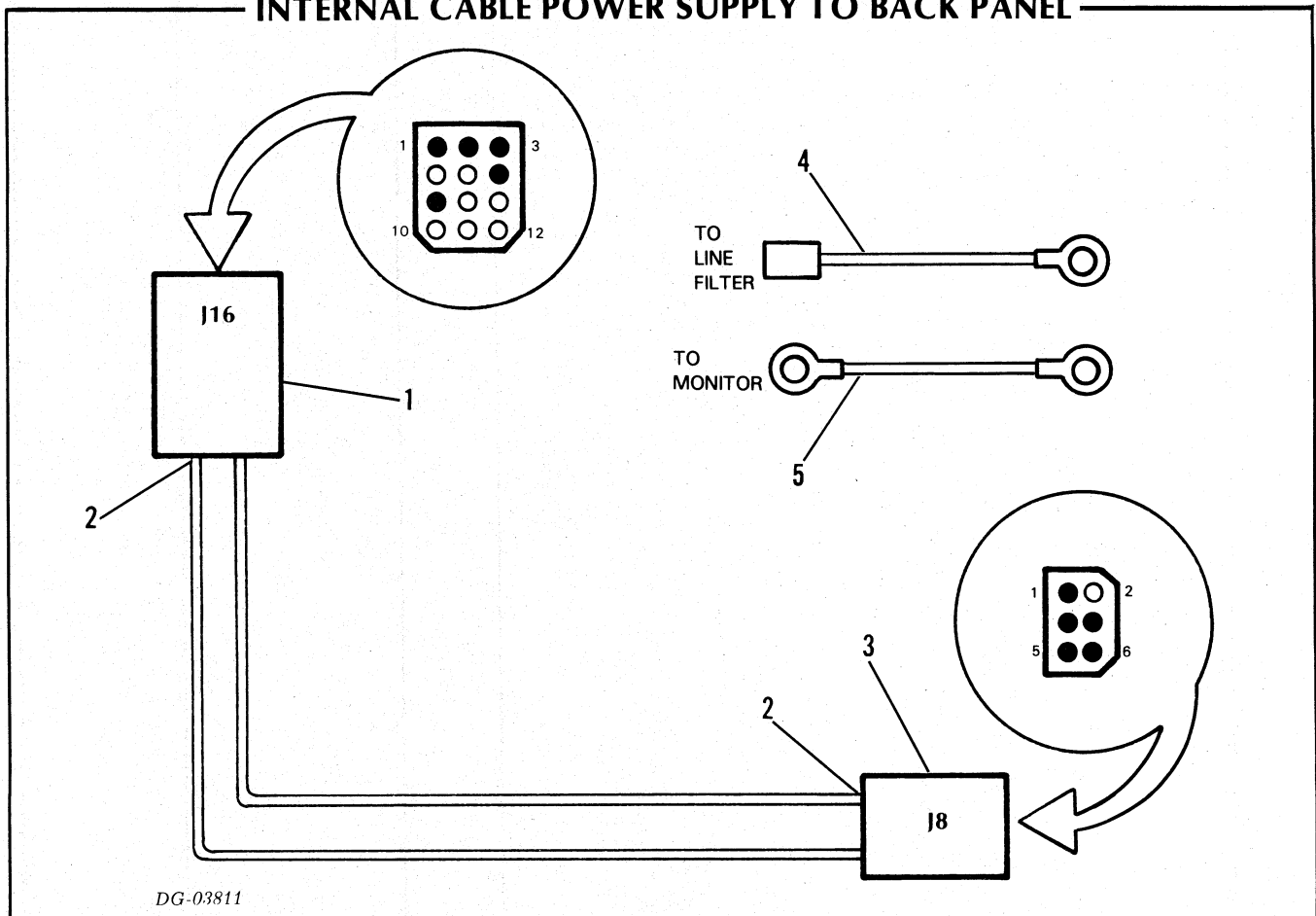
PAGE & ITEM NO.	DESCRIPTION	QTY	DGC PART NO.	REF PAGE NO.
III-8 1	ASSY CA INT BEEPER TO CONN FRAME WIRE TERMINATION 24 AWG WHT	1 15"	005-006756 029-001943	III-2, 22
III-8 1 2 3 4 5	ASSY CA INT PWR SWITCH L/C DSPL TERM RECPT 110 SER 22-18 AWG 509770-71 TERM PIN FEMALE 18-22 02-05-3204 MLX CONN CONTACT AMP 87270 SER 87269-1 CONN 3P AMP NO 87270-3 SWITCH CTLAY-3094	2 2 3 1 1	005-006752 111-000589 111-000706 111-000671 111-000670 110-000275	III-2, 12, 22

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## LCD TRANSFORMER



## INTERNAL CABLE POWER SUPPLY TO BACK PANEL

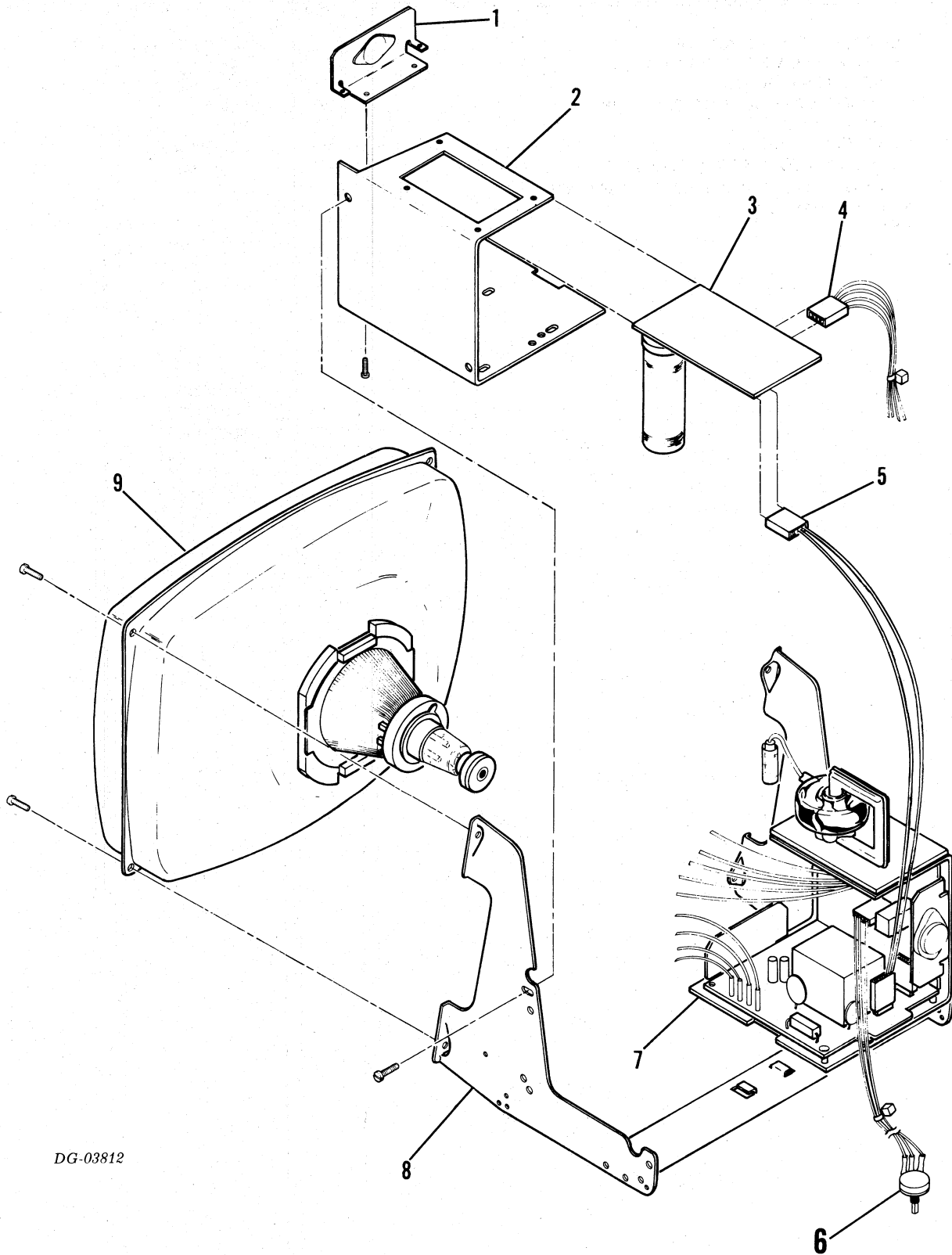


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PAGE & ITEM NO.	DESCRIPTION	QTY	DGC PART NO.	REF PAGE NO.
III-10 1 2 3 4 5 6	<b>ASSY XFMR LCD</b> TERM FEMALE.093 DIA 18-22 GA MOLEX CONN 2P AMP NO 8720-2 CONN CONTACT AMP 872-70 SER 87269-1 XFMR PWR, DSPL TERM TERM RTNG NO 6 STUD 18-22 AMP 3-34144-1 TERM PIN FEMALE NO 18-22 02-05-3204	7 1 2 1 1 5	<b>005-007616</b> 111-000270 111-000672 111-000671 104-000165 111-000264 111-000700	III-2, 22
III-10 1 2 3 4 5	<b>ASSY CA INT P/S TO B/P L/C DSPL</b> CONN RCPT MOLEX 12CKT 1360R-1 WIRE TERMINATION 18 AWG WHT WIRE TERMINATION 18 AWG BLK WIRE TERMINATION 18 AWG RED WIRE TERMINATION 18 AWG YEL WIRE TERMINATION 18 AWG BLU CONN RECEPTACLE MOLEX 126-IR-2 WIRE TERMINATION 18 AWG GRN WIRE TERMINATION 18 AWG GRN	1 14" 14" 14" 14" 14" 1 7" 14"	<b>005-006835</b> 111-000171 029-001930 029-001931 029-001932 029-001933 029-001934 111-000129 029-001935 029-001936	III-2, 22       III-2 III-2

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# VIDEO MONITOR ASSEMBLY



DG-03812

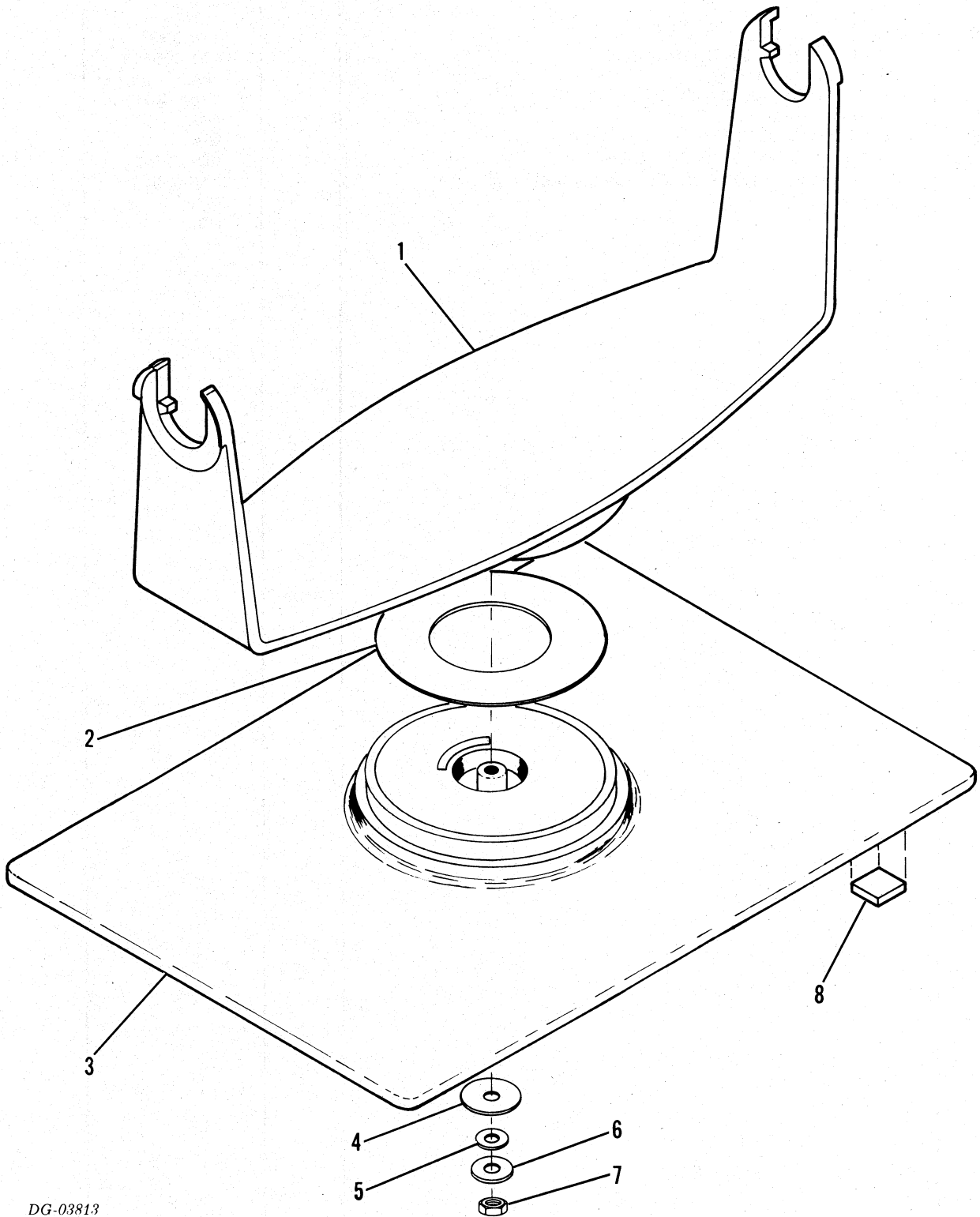
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PAGE & ITEM NO.	DESCRIPTION	QTY	DGC PART NO.	REF PAGE NO.
III-12	PUR ASSY 12" VIDEO MONITOR		118-000519	
1	REGULATOR A8W (6052) 45S137368		101-000380	
2	POWER SUPPLY CHASSIS		N/A	
3	CKT MOD P/S PCB (6052) 84V25015A68	1	116-000299	
4	P4 TO 70V REG	1	N/A	
5	P5 P/S PCB TO VIDEO PPB	1	N/A	
6	ASSY CA INT PWR SWITCH L/C DSPL		005-06752	III-8
7	PUR ASSY DEFLECTION COIL 6052 1V25019A45		118-000635	
8	MONITOR CHASSIS		N/A	
9	CRT		N/A	

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# PEDESTAL ASSEMBLY



DG-03813

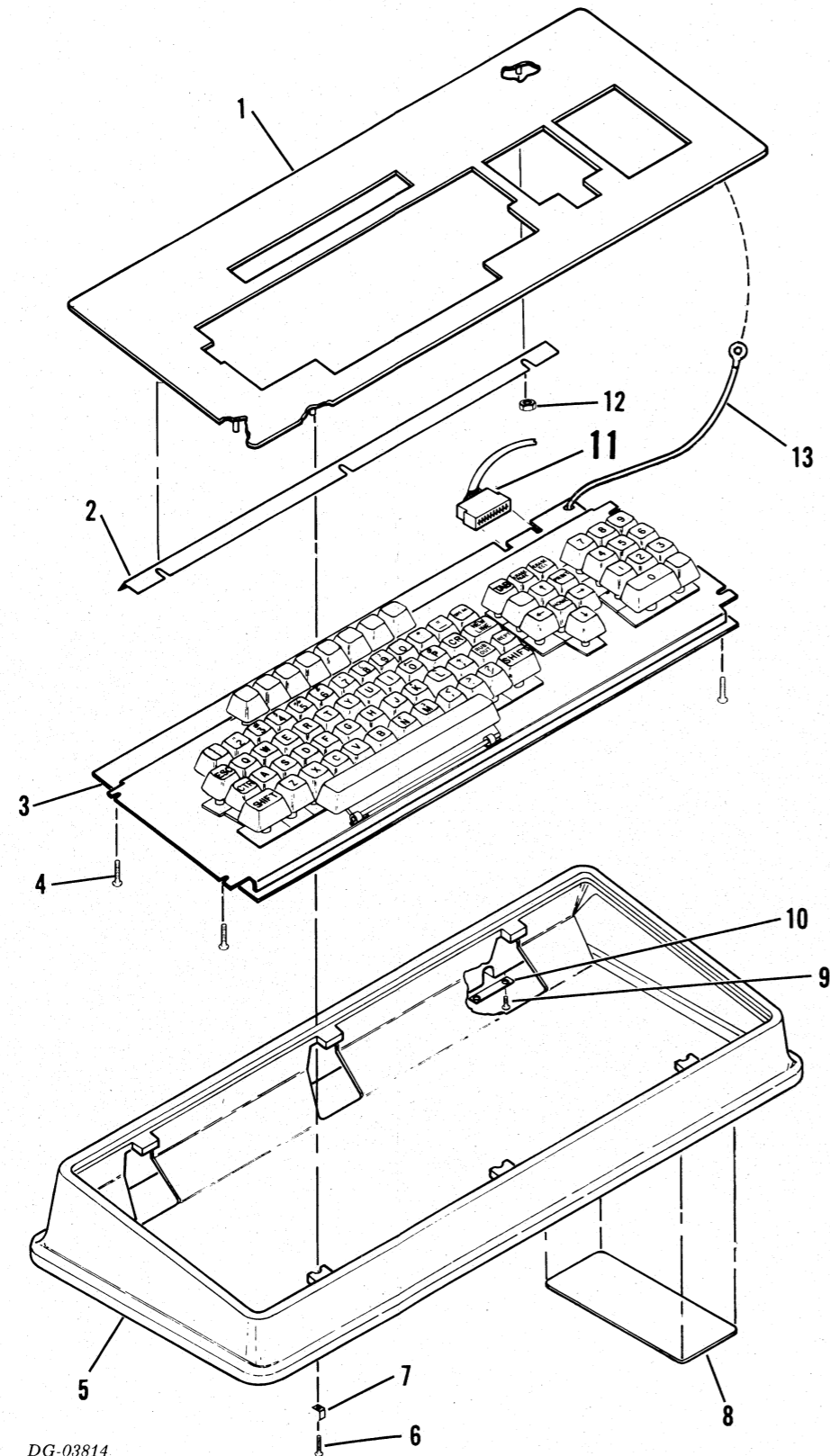
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PAGE & ITEM NO.	DESCRIPTION	QTY	DGC PART NO.	REF PAGE NO.
III-14	PEDESTAL ASSEMBLY	1	005-006748	I-2
1	MECH PT YOKE, CAST ALUM L/C DSPL, TERM	1	002-005343	
2	MECH PT BEARING PAD L/C CRT TERM	1	002-005451	
3	MECH PEDESTAL CRT ENCL INTEC RM	1	002-005117	
4	WSHR FLAT SZCP 1.25 ODX 11/32 IDX.06	1	106-000830	
5	STD PT SPRING WSHR, BELLEVILLE	1	123-000978	
6	WSHR FLAT SCDP 7/8 ODX 3/8 DX.06 THIC	1	106-000831	
7	HDW NUT HEX SELF-LOCKING SCDP 5/16 X 18	1	106-000832	
8	STD PT SPRT PAD RUBBER, W/ADV BLK	4	123-001023	

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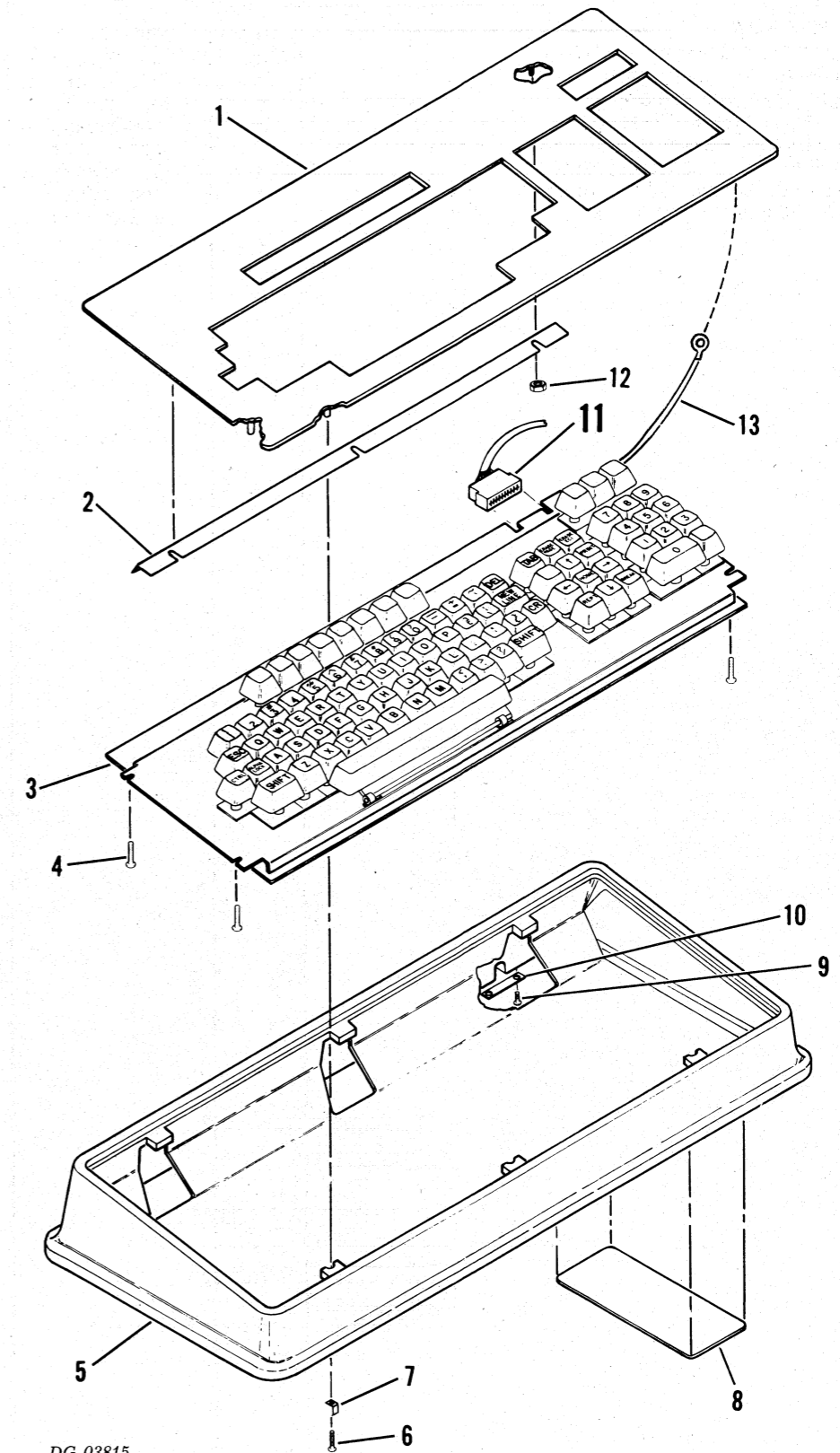
# KEYBOARD/COVER ASSEMBLY

## BASIC KEYBOARD/COVER ASSEMBLY



DG-03814

## ENHANCED KEYBOARD/COVER ASSEMBLY



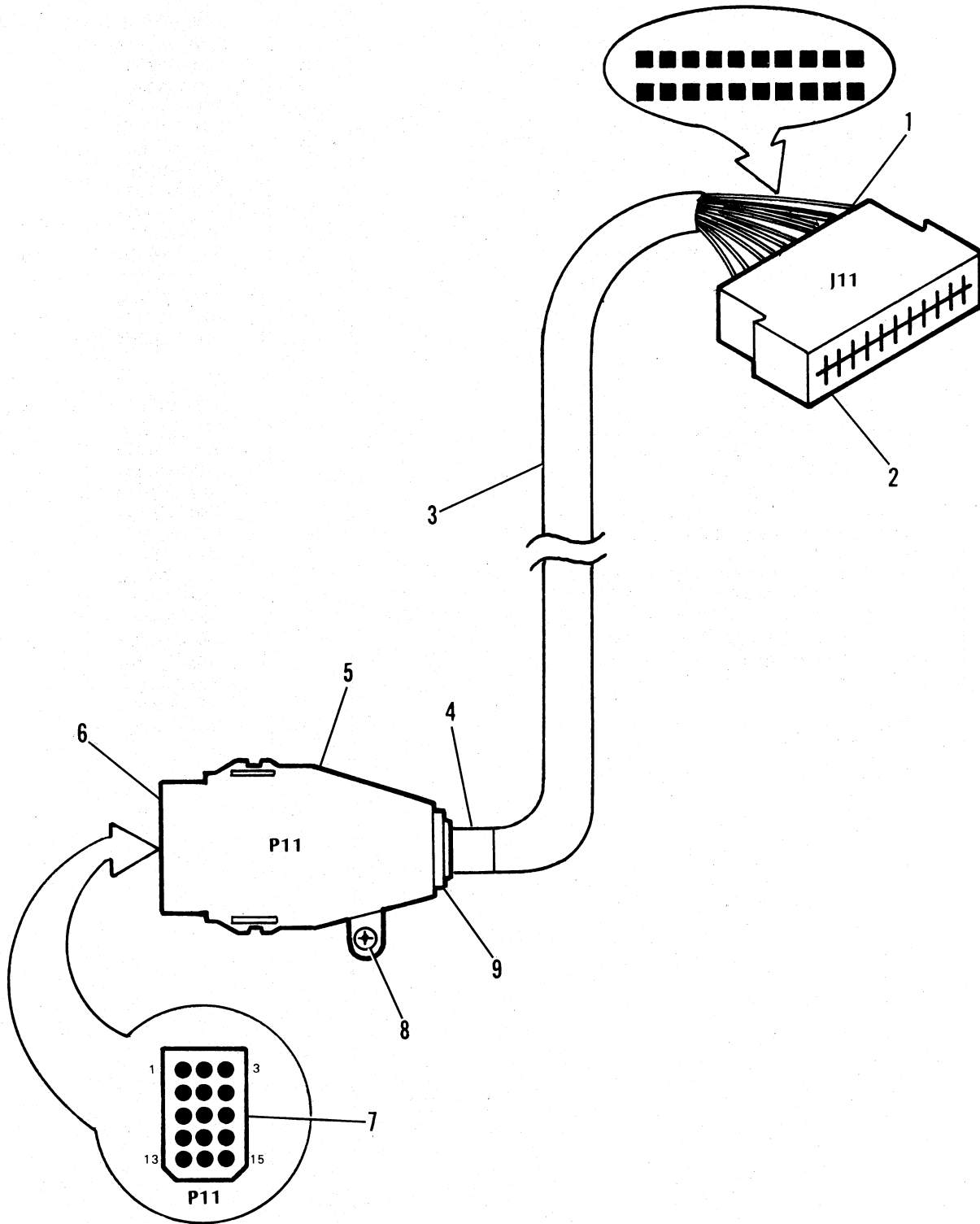
DG-03815

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PAGE & ITEM NO.	DESCRIPTION	QTY	DGC PART NO.	REF PAGE NO.
	<b>KEYBOARD/COVER BSC ASSY</b>		<b>005-006746</b>	<b>I-2</b>
1	MECH PT PLATE KEYBD CVR-000060 KEYBD	1	002-005445	
2	MECH PT KEYBD RTNG CLIP , L/C CRT TERM	1	002-005447	
3	PUR ASSY KEYBOARD, DSPL TERM	1	118-000452	
4	HDW SCR PHH PNH SCDP 6-32 X 3/16	4	106-000479	
5	MECH PT KEYBD ENCL CASE, INTEL TERM	1	002-005116	
6	HDW SCR PHH PNH SCDP 4-40 X 3/16	3	106-000003	
7	MECH PT SLIDE CLIP L/C CRT TERM	3	002-005450	
8	STD PT SPRT PAD, NEO PRN ADHV BACK	2	123-001025	
9	HDW SCR PHH PNH PLASTITE SCDP NO 4 X 1/2	2	106-000852	
10	MECH PT CABLE CLAMP KEYBD LCD	1	002-005601	
11	<b>ASSY CA EXT KEYBD TO CRT L/C DSPL</b>	<b>1</b>	<b>005-006750</b>	<b>III-18</b>
12	HDW NUT HEX KEP SCDP 4-40	3	106-000257	
13	GROUND WIRE	1	029-002646	
	WIRE	5"	109-000011	
	TERM	1	111-000264	
	<b>KEYBOARD/COVER T.E. ASSY</b>		<b>005-006743</b>	<b>I-2</b>
1	MECH PT PLATE KEYBD CVR-000061 KEYBD	1	002-005443	
2	MECH PT KEYBD RTNG CLIP , L/C CRT TERM	1	002-005447	
3	PUR ASSY KEYBOARD, DSPL TERM	1	118-000338	
4	HDW SCR PHH PNH SCDP 6-32 X 3/16	4	106-000479	
5	MECH PT KEYBD ENCL CASE, INTEL TERM	1	002-005116	
6	HDW SCR PHH PNH SCDP 4-40 X 3/16	3	106-000003	
7	MECH PT SLIDE CLIP L/C CRT TERM	3	002-005450	
8	STD PT SPRT PAD, NED PRN ADHV BACK	2	123-001025	
9	HDW SCR PHH PNH PLASTITE SCDP NO 4 X 1/2	2	106-000852	
10	MECH PT CABLE CLAMP KEYBD LCD	1	002-005601	
11	<b>ASSY CA EXT KEYBD TO CRT L/C DSPL</b>	<b>1</b>	<b>005-006750</b>	<b>III-18</b>
12	HDW NUT HEX KEP SCDP 4-40	3	106-000257	
13	GROUND WIRE	1	029-002646	
	WIRE	5"	109-000011	
	TERM	1	111-000264	

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EXTERNAL CABLE KEYBOARD TO MAIN



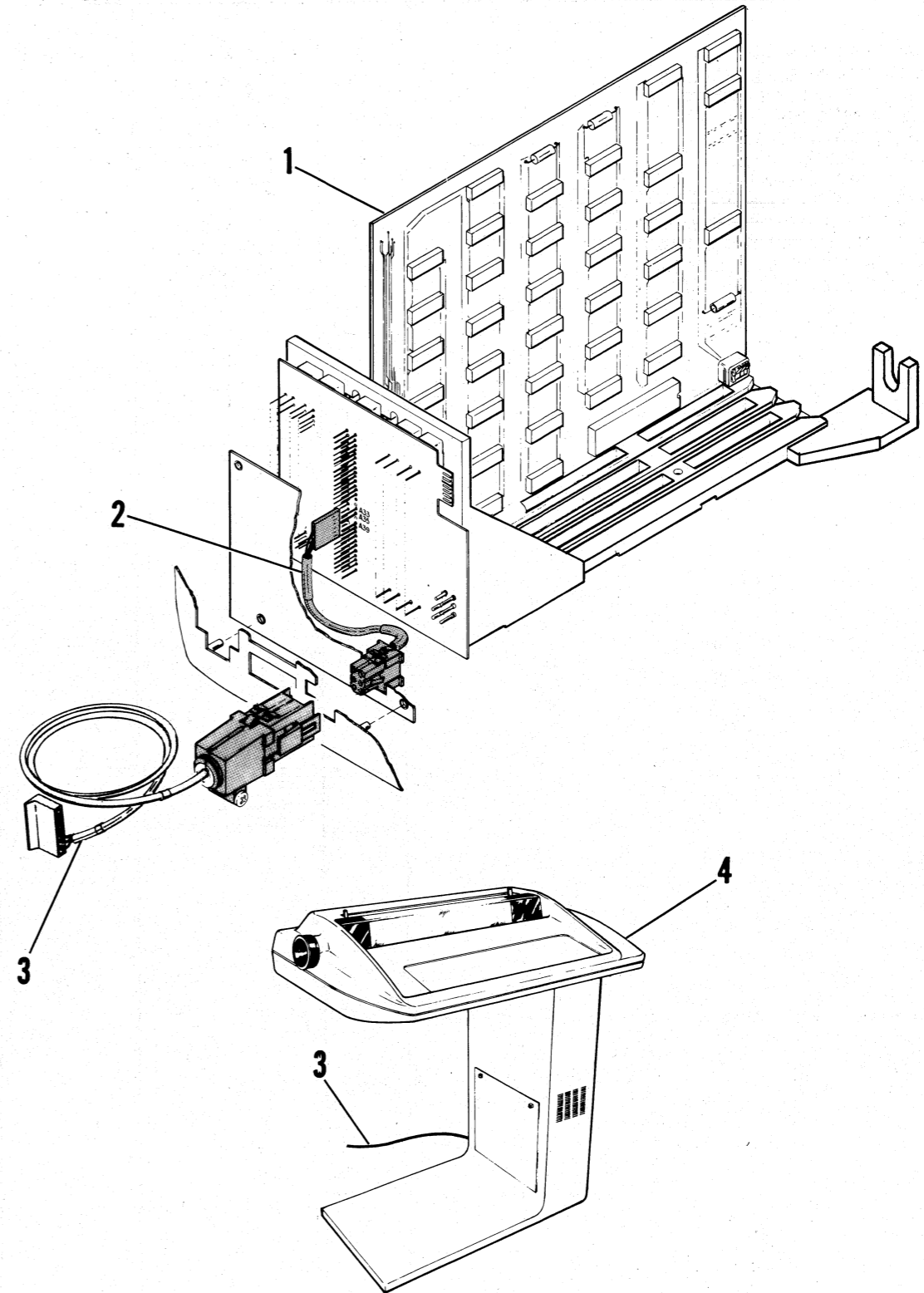
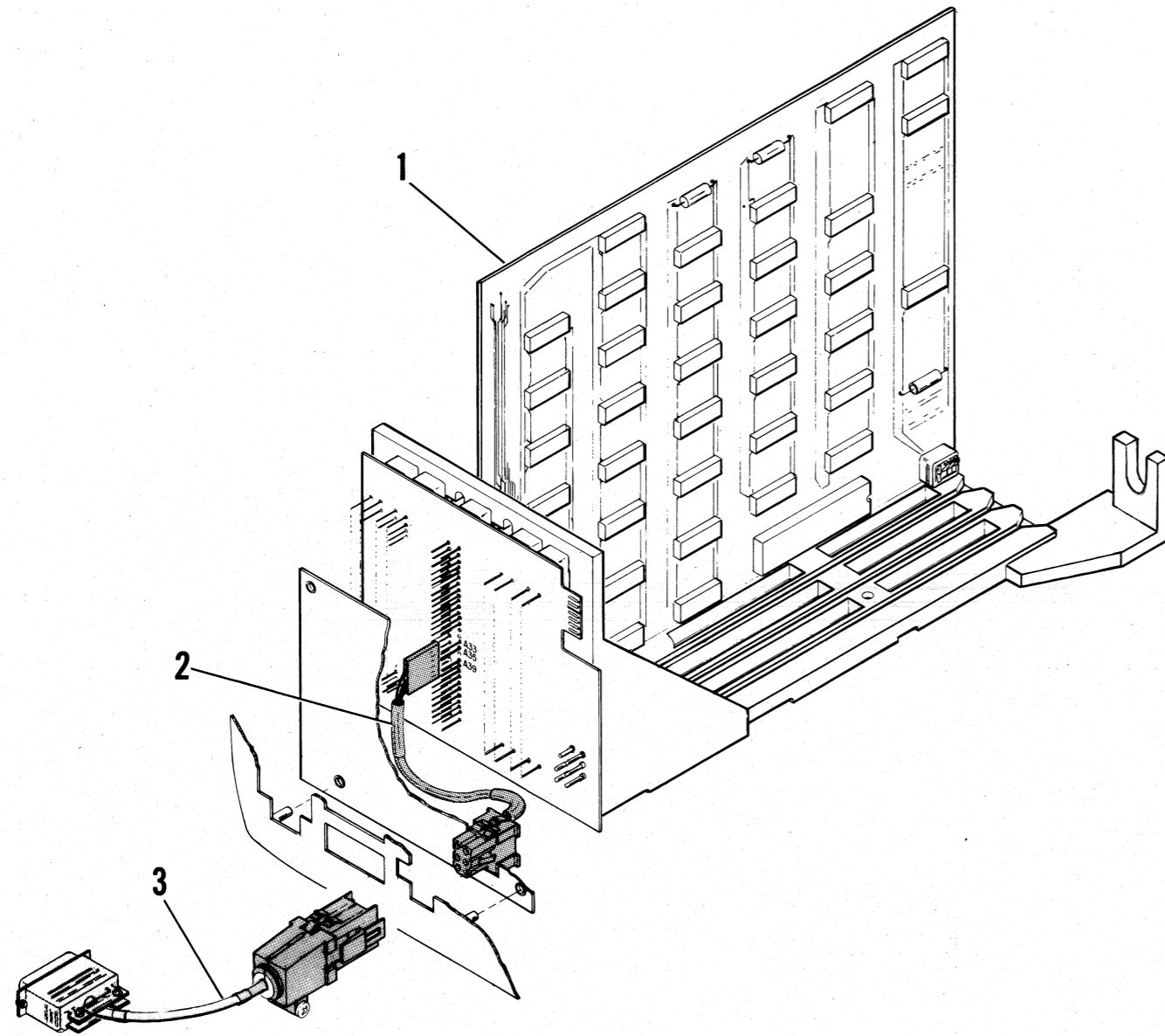
DG-03816

PAGE & ITEM NO.	DESCRIPTION	QTY	DGC PART NO.	REF PAGE NO.
III-18	EXT CABLE KEYBD TO MAIN	1	005-006750	III-16,22
1	CONN CONTACT TWIN LEAF AMP 583616	15	111-000115	
2	CONN PC EDGE 10 DUAL POS AMP 583717-1	1	111-000119	
	CONN KEY AMP 583274	1	111-000116	
	CONN SPR RTNG AMP 583691-3	5	111-000123	
3	CABLE 24 AWG 19 COND 7 X 32	1	109-000045	
4	TUBING 1/2 DIA HEAT SHRINK BLK	1	109-000061	
5	CONN HOOD STRN RLF 1-350523-9 AMP	1	111-000788	
6	CONN MR SKT CON 26-18 GLD AMP 350037-2	15	111-000237	
7	CONN MR HSG AMP NO 1-35024409 15SKT	1	111-000260	
8	HDW SCREW PHH PNH TF BLK 6-32 X 3/8	1	106-000909	
9	CONN STRN RLF GROMMET 1-350 380-1 AMP	1	111-000790	

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PRINTER OPTION 6054

PRINTER OPTION 6055



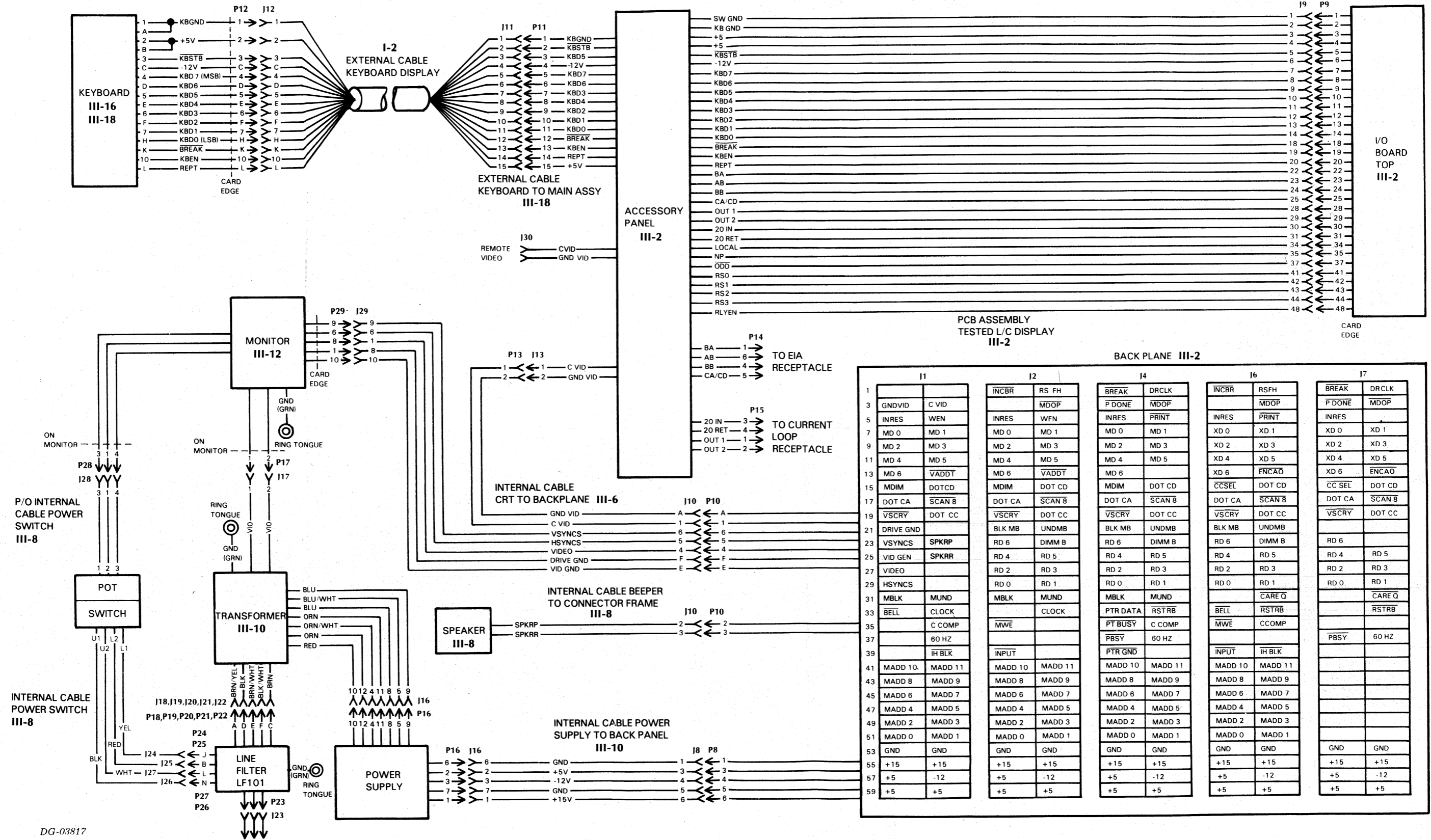
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PAGE & ITEM NO.	DESCRIPTION	QTY	DGC PART NO.	REF PAGE NO.
III-20	<b>PRINTER OPTION MODEL 6054</b>			I-5-8
1	<b>PCB PRINTER OPTION</b> IPL PRT INTFC	REF	<b>005-008434</b> 016-000440	
2	<b>INTERNAL CABLE ASSEMBLY</b> WIRE TERMINATION WIRE TERMINATION WIRE TERMINATION SLEEVING 3/16" HEAT SHRINK CONN KEY AMP 86286-1 CONN SKT MSG 6 CKT MR AMP #1-480613-9 CONN 6P MOD IV 86427-9	1 1 1 1 3 1 1	<b>005-008432</b> 029-002647 029-002648 029-002649 109-000099 111-000148 111-000580 111-000693	
3	<b>EXTERNAL MODEM CABLE ASSEMBLY</b> HDW SCR PHH PNH TF BLK OXD 6-32 X 3/8 CABLE 22 AWG 6-COND 7 X 32 TUBING 3/8 DIAHEAT SHRINK RED CONN JUNCTION SHELL D824659 CONN SCREW LOCK ASSY FEMALE D204018-2 CONN FEMALE/D110238-35 CONN 25 CONT SKT D8C255 W/O PINS CONN HSG 6 CKT PIN AMP #1-480612-9 TERM PIN 26-18 AWG CRIMP MR 350018-3 CONN HOOD CA STRN RLF 1-350373-9 AMP CONN STRN RLF GROMMET 1-350377-D AMP	1 8" 4" 1 2 3 1 1 3 1 1	<b>005-009062</b> 106-000909 109-000086 109-000071 111-000020 111-000022 111-000145 111-000334 111-000581 111-000627 111-000789 111-000791	
III-20	<b>PRINTER OPTION MODEL 6055</b>			I-5-8
1	<b>PCB PRINTER OPTION</b> IPL PTR INTFC	REF	<b>005-008434</b> 016-000440	
2	<b>INTERNAL CABLE ASSEMBLY</b> WIRE TERMINATION WIRE TERMINATION WIRE TERMINATION SLEEVING 3/16" HEAT SHRINK CONN KEY AMP 86386-1 CONN SKT MSG 6 CKT MR AMP #1-480613-9 CONN 6P MOD IV 86427-9	1 1 1 1 3 1 1	<b>005-008432</b> 029-002647 029-002648 029-002649 109-000099 111-000148 111-000580 111-000693	
3	<b>EXTERNAL CABLE ASSEMBLY</b> HDW SCR PHH PNH TF BLK OXD 6-32 X 3/8 CABLE 22 AWG 6-COND 7 X 32 SLEEVING 3/16";HEAT SHRINK CONN PCB MOLEX 09-50-3061 TERM 2478 18-24 AWG MOLEX 08-50-0105 CONN HSG 6 CKT PIN AMP #1-480612-9 TERM PIN 26-18 AWG CRIMP MR 350018-3 CONN HOOD CA STRN RLF 1-350373-9 AMP CONN STRN RF GROMMET 1-350377-0 AMP	1 1 1 1 3 1 3 1 1	<b>005-008433</b> 106-000909 109-000086 109-000099 111-000565 111-000578 111-000581 111-000627 111-000789 111-000791	
4	<b>DASHER MODEL 6041</b>		<b>005-007880</b>	

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# INTERCONNECTION DIAGRAM



DG-03817

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# APPENDIX A

## PREFIX CODE TABLE

PREFIX CODES	STANDARD TITLING	PREFIX CODES	STANDARD TITLING
002	MECH PT (MECHANICAL PART)	108	PUR TEST SPEC (TEST SPEC, PURCHASED PARTS)
005	ASSY (ASSEMBLY B/M PARTS LIST) ASSY DOC PKG (SHIPPED DOCUMENTS)	109	WIRE, CABLE, TUBING, SLEEVING
007	KEY (TOP ASSEMBLY B/M)	110	SWITCH, RELAY
008	WL (WIRE LIST FOR CABLES, TEST PLUGS AND INTERCONNECTION WIRING)	111	HSG (HOUSING), CONN (CONNECTOR), TERM (TERMINAL)
010	CONF (CONFIGURATION DRAWING)	112	CABINET
011	TEST EQPT (TEST EQUIPMENT)	113	FUSE, FUHLR (FUSE HOLDER)
015	TM (TECHNICAL MANUAL)	113	CIR BKR (CIRCUIT BREAKER)
016	IPL (ILLUSTRATED PARTS LIST)	114	INDICATOR, BULB
029	WIRE PT (WIRE PART)	115	FAN, MOTOR, BLOWER
036	ECO KIT	116	CM (CIRCUIT MODULES)
037	PKG (PACKAGING)	117	SPEC TOOLS
042	TECHNICAL UPDATES	118	PUR ASSY (PURCHASED ASSEMBLY)
043	FIELD ENGINEERING PUBLICATIONS	118	PUR PRPHL (PURCHASED PERIPHERALS)
044	SHIPPING PACKAGING	119	MISC PT (MISCELLANEOUS PART)
100	IC (INTEGRATED CIRCUIT)	120	ADHVE (ADHESIVE), TAPE
101	XISTOR (TRANSISTORS), DIODES	120	CHEM (CHEMICALS)
102	RES (RESISTORS)	121	CRYSTAL
103	CAP (CAPACITORS)	123	STD PT (STANDARD PART)
104	XFMR (TRANSFORMER)	124	SOLENOIDS
105	CORE FERRITE	126	METAL STOCK
106	HDW (HARDWARE)	128	TOOL
		129	SHPG MAT (SHIPPING MATERIAL)

DG-03906

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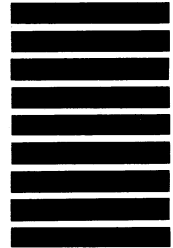
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