

**PC04/PC05  
paper tape  
reader/punch  
engineering drawings**

**digital equipment corporation • maynard, massachusetts**

## PC04/PC05 Engineering Drawings

### PC04 Engineering Drawings

Number	Title
D-DI-PC04-0-1	Drawing Index
D-UA-PC04-0-0	Unit Assembly
C-PL-PC04-0-0	Unit Assembly, Parts List
D-BS-PC04-0-2	Power and Control Schematic Diagram
D-BS-PC04-CL-RD	Reader and Power Supply
D-BS-PC04-CL-PNCH	Punch
D-MU-PC04-0-3	Module Utilization List
A-PL-PC04-0-3	Parts List, Modules
E-AD-7006268-0-0	Bus Bar
A-PL-7006268-0-0	Bus Bar, Parts List
A-SP-PC04-0-4	PC04 Engineering Specification

### PC05 Engineering Drawings

Number	Title
D-DI-PC05-0-1	Drawing Index
D-UA-PC05-0-0	Unit Assembly
A-PL-PC05-0-0	Unit Assembly, Parts List
D-BS-PC05-0-4	Power and Control Schematic
C-MU-PC05-0-3	Module Utilization List
A-PL-PC05-0-3	Parts List, Modules
C-AD-7006253-0-0	Bus Bar
A-PL-7006253-0-0	Bus Bar, Parts List

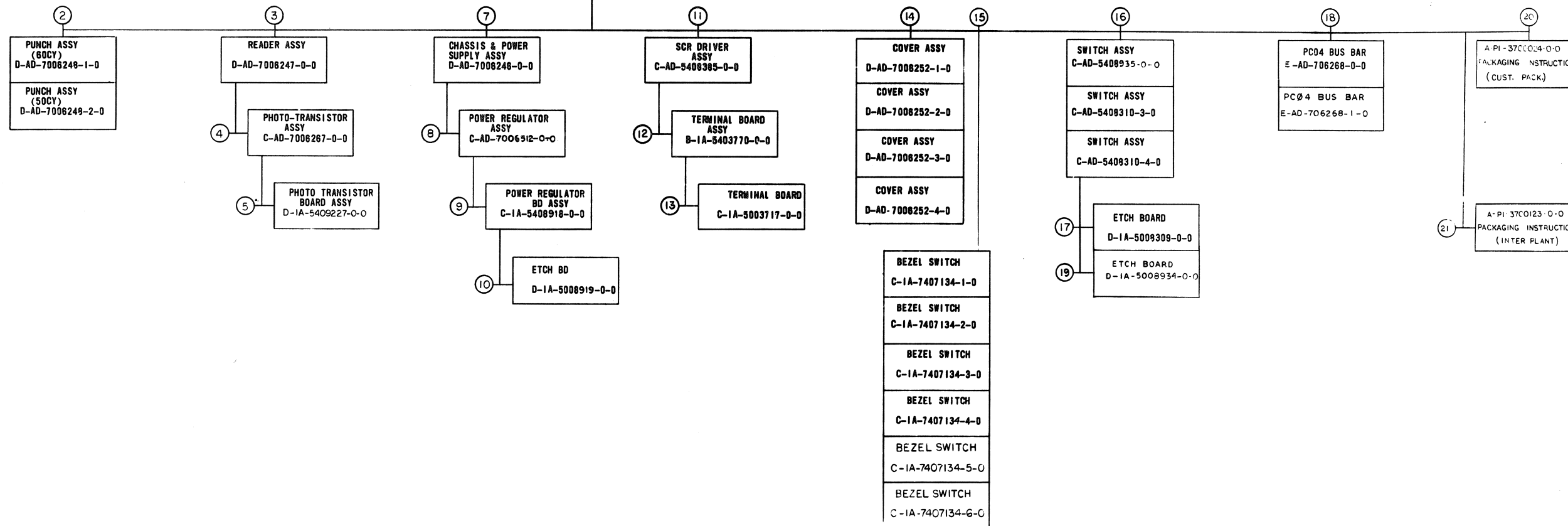
### PC04/PC05 Circuit Schematics

Number	Title
C-CS-G918-0-1	Photo Transistor Amplifier
B-CS-M040-0-1	Solenoid Driver (Reader Motor)
B-CS-M044-0-1	Solenoid Driver (Punch Solenoid)
D-CS-M710-0-1	Punch Control
C-CS-M715-0-1	Reader Clock
E-CS-M840-0-1	Reader/Punch Control
D-CS-M7050-0-1	Reader Control
B-CS-5408918-0-1	Power Regulator Card
B-CS-5408308-0-1	Power Regulator Card
B-CS-5408384-0-1	Triac Driver Assembly

This drawing and specifications, herein, are the property of Digital Equipment Corporation and shall not be reproduced or copied or used in whole or in part as the basis for the manufacture or sale of items without written permission.

MODEL	DESCRIPTION		COMPOSITION																		
		CY.	FIND NUMBER																		
			2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
PC04-B, BB & BL	PUNCH & READER	80	-1	X	X	X		X	X	X	X				-1	-1	-4	X	X		
PC04-BA, BC & BM	PUNCH & READER	50	-2	X	X	X		X	X	X	X				-1	-1	-4	X	X		
PC04-C	PUNCH, READER, DRIVER	80	-1	X	X	X		X	X	X	X	X	X	X	-4	-4	-3	X	X		
PC04-CA	PUNCH READER DRIVER	50	-2	X	X	X		X	X	X	X	X	X	X	-4	-4	-3	X	X		
PC04-P & PL	PUNCH	80	-1					X	X	X	X				-2	-2	-2	X	X		
PC04-PA & PM	PUNCH	50	-2					X	X	X	X				-2	-2	-2	X	X		
PC04-R & RB	READER			X	X	X		X	X	X	X				-3	-3	-0	X	X		

NOTES:  
1 THE KEY TO SYMBOLS IN THE FIND NO. COLUMNS IN FIND BLOCK 1 IS:  
AN "X" MEANS THE ASSY IS USED.  
A BLANK SPACE MEANS THE ASSY IS NOT USED.  
A DASH AND NUMBER (-1, -2 ETC) MEANS THE ASSY IS USED AND THAT VARIATION OF THE ASSY, HAVING THAT PARTICULAR DASH NUMBER AS PART OF ITS DWG. NUMBER IS USED.  
EXAMPLE:  
A PUNCH MODEL FROM FIND COLUMN 14 USES A (-2) OR A D-AD-7006252-L-0 COVER ASSY



UNIT ASSY. DWG. NO. D-UA-PC04-0-0

REV.	CHANGE NO.	BY	DATE
1	PC04-00006	A	10/10/69
2	PC04-00009	B	10/10/69
3	PC04-00011	C	10/10/69
4	PC04-00013	D	10/10/69
5	PC04-00014	E	10/10/69
6	PC04-00015	F	10/10/69
7	PC04-00016	G	10/10/69
8	PC04-00017	H	10/10/69
9	PC04-00018	I	10/10/69
10	PC04-00019	J	10/10/69
11	PC04-00020	K	10/10/69
12	PC04-00021	L	10/10/69
13	PC04-00022	M	10/10/69
14	PC04-00023	N	10/10/69
15	PC04-00024	O	10/10/69
16	PC04-00025	P	10/10/69
17	PC04-00026	Q	10/10/69
18	PC04-00027	R	10/10/69
19	PC04-00028	S	10/10/69
20	PC04-00029	T	10/10/69
21	PC04-00030	U	10/10/69
22	PC04-00031	V	10/10/69
23	PC04-00032	W	10/10/69
24	PC04-00033	X	10/10/69
25	PC04-00034	Y	10/10/69
26	PC04-00035	Z	10/10/69

FIRST USED ON OPTION / MODEL PC04		DO NOT SCALE DRAWING		UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES TOLERANCES DECIMALS FRACTIONS ANGLES ± .005 ± 1/64 ± 0°30' FINAL SURFACE QUALITY REMOVE BURRS AND BREAK SHARP CORNERS		MATERIAL FINISH		NEXT HIGHER ASSY A-ML-PC04		SCALE SHEET 1 OF 2	
DATE 10/10/69		DATE 10/10/69		DATE 10/10/69		DATE 10/10/69		DATE 10/10/69		DATE 10/10/69	
CHK'D A. Carvelly		CHK'D A. Carvelly		CHK'D A. Carvelly		CHK'D A. Carvelly		CHK'D A. Carvelly		CHK'D A. Carvelly	
ENG. A. Carvelly		ENG. A. Carvelly		ENG. A. Carvelly		ENG. A. Carvelly		ENG. A. Carvelly		ENG. A. Carvelly	
PROD. A. Carvelly		PROD. A. Carvelly		PROD. A. Carvelly		PROD. A. Carvelly		PROD. A. Carvelly		PROD. A. Carvelly	
DATE 10/10/69		DATE 10/10/69		DATE 10/10/69		DATE 10/10/69		DATE 10/10/69		DATE 10/10/69	
SIZE CODE DI		SIZE CODE DI		SIZE CODE DI		SIZE CODE DI		SIZE CODE DI		SIZE CODE DI	
NUMBER PC04-0-1		NUMBER PC04-0-1		NUMBER PC04-0-1		NUMBER PC04-0-1		NUMBER PC04-0-1		NUMBER PC04-0-1	
REV. Z		REV. Z		REV. Z		REV. Z		REV. Z		REV. Z	

PARTS LIST		ITEM NO.	
QTY.		DESCRIPTION	
1		PUNCH ASSY (BODY) D-AD-7006249-1-0	
1		PUNCH ASSY (50CY) D-AD-7006249-2-0	
1		READER ASSY D-AD-7006247-0-0	
1		PHOTO-TRANSISTOR ASSY C-AD-7006267-0-0	
1		PHOTO TRANSISTOR BOARD ASSY D-1A-5409227-0-0	
1		CHASSIS & POWER SUPPLY ASSY D-AD-7006246-0-0	
1		POWER REGULATOR ASSY C-AD-7006512-0-0	
1		POWER REGULATOR BD ASSY C-1A-5408918-0-0	
1		ETCH BD D-1A-5008919-0-0	
1		SCR DRIVER ASSY C-AD-5408385-0-0	
1		TERMINAL BOARD ASSY B-1A-5403770-0-0	
1		TERMINAL BOARD C-1A-5003717-0-0	
1		COVER ASSY D-AD-7006252-1-0	
1		COVER ASSY D-AD-7006252-2-0	
1		COVER ASSY D-AD-7006252-3-0	
1		COVER ASSY D-AD-7006252-4-0	
1		BEZEL SWITCH C-1A-7407134-1-0	
1		BEZEL SWITCH C-1A-7407134-2-0	
1		BEZEL SWITCH C-1A-7407134-3-0	
1		BEZEL SWITCH C-1A-7407134-4-0	
1		BEZEL SWITCH C-1A-7407134-5-0	
1		BEZEL SWITCH C-1A-7407134-6-0	
1		SWITCH ASSY C-AD-5408935-0-0	
1		SWITCH ASSY C-AD-5408310-3-0	
1		SWITCH ASSY C-AD-5408310-4-0	
1		ETCH BOARD D-1A-5009309-0-0	
1		ETCH BOARD D-1A-5008934-0-0	
1		PC04 BUS BAR E-AD-706268-0-0	
1		PC04 BUS BAR E-AD-706268-1-0	
1		A-PI-370004-0-0 PACKAGING INSTRUCTION (CUST. PACK)	
1		A-PI-3700123-0-0 PACKAGING INSTRUCTION (INTER PLANT)	

TITLE DRAWING INDEX LIST, PC04		SIZE CODE DI		NUMBER PC04-0-1		REV. Z	
--------------------------------------	--	-----------------	--	--------------------	--	-----------	--

This drawing and specifications, herein, are the property of Digital Equipment Corporation and shall not be reproduced or copied or used in whole or in part as the basis for the manufacture or sale of items without written permission.

MECHANICAL					DEPT USAGE			MECHANICAL					DEPT USAGE			ELECTRICAL					DEPT USAGE		
FIND NO	DESCRIPTION	PART NO	PROD	CUST	F/C	FIND NO	DESCRIPTION	PART NO	PROD	CUST	F/C	FIND NO	DESCRIPTION	PART NO	PROD	CUST	F/C	FIND NO	DESCRIPTION	PART NO	PROD	CUST	F/C
1	PC04- READER & PUNCH	D-UA-PC04-0-0				4	PHOTO TRANSISTOR ASSY	C-1A-7008267-0-0				18	SWITCH ASSY	C-AD-5408935-0-0				1	PAPER TAPE READER	A-ML-PC04-0-0			
	PC04- READER & PUNCH (PL)	A-PL-PC04-0-0					TEST SCHEMATIC	D-CS-7406267-T-1					SWITCH ASSY	C-AD-5408310-3-0					<del>PC04- READER &amp; PUNCH</del>	<del>A-ML-PC04-0-0</del>			
	CHAD BOX	B-MD-7408300-0-0					TEST PROCEDURE	A-SF-7406267-T-2					SWITCH ASSY	C-AD-5408310-4-0					<del>PC04- READER &amp; PUNCH &amp; DRIVER</del>	<del>A-ML-PC04-0-0</del>			
	TAPE CONTAINER	D-MD-7407131-0-0				5	PHOTO TRANSISTOR BD ASSY	D-1A-5409227-0-0					SWITCH ASSY (PL)	A-PL-5408310-0-0					<del>PC04- READER &amp; PUNCH &amp; DRIVER</del>	<del>A-ML-PC04-0-0</del>			
	I/O CABLE ASSY	C-1A-7008261-0-0				6							BAR SPACER SW. BD.	B-MD-7407175-0-0					<del>PC04- READER &amp; PUNCH</del>	<del>A-ML-PC04-0-0</del>			
	PC04-PA PUNCH	D-UA-PC04-PA-0																	<del>PC04- READER &amp; PUNCH</del>	<del>A-ML-PC04-0-0</del>			
	BRKT RESISTOR	C-MD-7408091-0-0				7	CHASSIS & POWER SUPPLY ASSY	D-AD-7008248-0-0				17	PC0 SWITCH BOARD	D-1A-5008308-0-0					<del>PC04- READER &amp; PUNCH</del>	<del>A-ML-PC04-0-0</del>			
	SCR MODULE RETAINER	C-1A-7405642-0-0					CHASSIS & POWER SUPPLY (PL)	A-PL-7008248-0-0					FLIP CHIP MODULE	D-MD-1402230-0-0					<del>PC04- READER &amp; PUNCH</del>	<del>A-ML-PC04-0-0</del>			
	HOLD DOWN BAR	C-1A-7408339-7-0					PANEL FRONT	D-1A-7407075-0-0				19	PR SWITCH BOARD	D-1A-5008934-0-0					<del>PC04- READER &amp; PUNCH</del>	<del>A-ML-PC04-0-0</del>			
	PACKAGING INSTRUCTIONS	A-PI-3700024-0-0					BRKT MTG BAR RIGHT HAND	C-1A-7407065-1-0											<del>PC04- READER &amp; PUNCH</del>	<del>A-ML-PC04-0-0</del>			
	PC0 READER & PUNCH						BRKT MTG BAR LEFT HAND	C-1A-7407065-2-0				18	PC04 BUS BAR	E-AD-7008288-0-0					<del>PC04- READER &amp; PUNCH</del>	<del>A-ML-PC04-0-0</del>			
	PUNCH ASSY (80CY)	D-AD-7008248-1-0					CHASSIS	E-1A-7407074-0-0					MTG. BAR (8 IN.)	B-1A-7407077-0-0					<del>PC04- READER &amp; PUNCH</del>	<del>A-ML-PC04-0-0</del>			
	PUNCH ASSY (50CY)	D-AD-7008248-2-0					COVER JONES STRIP	C-MD-530064-0-0				20	PACKAGING INSTRUCTION	A-PI-3700024-0-0					<del>PC04- READER &amp; PUNCH</del>	<del>A-ML-PC04-0-0</del>			
	PUNCH ASSY (PL)	A-PL-7008248-0-0					HARNESS, CONTROL	D-1A-7008311-0-0					OUTER SHIPPING CARTON	A-PS-9905046-0-0					<del>PC04- READER &amp; PUNCH</del>	<del>A-ML-PC04-0-0</del>			
	CHAD TUBE	B-MD-7407388-0-0					HARNESS I/O 110 VAC	D-1A-7008310-0-0					INNER SHIPPING CARTON	A-PS-9905047-0-0					<del>PC04- READER &amp; PUNCH</del>	<del>A-ML-PC04-0-0</del>			
	PUNCH MTG CHASSIS	D-1A-7407071-0-0					HARNESS POWER SUPPLY	D-1A-7008308-0-0					BOTTOM PAD	A-PS-9905053-0-0					<del>PC04- READER &amp; PUNCH</del>	<del>A-ML-PC04-0-0</del>			
	HINGE	B-MD-7407063-0-0					DECAL (PC04)	A-DC-7407476-0-0					FRONT SPACER	A-PS-9905054-0-0					<del>PC04- READER &amp; PUNCH</del>	<del>A-ML-PC04-0-0</del>			
	BRKT FEED	D-MD-7408308-0-0				8	PWR REGULATOR ASSY	C-AD-7008012-0-0					SIDE SPACER	A-PS-9905055-0-0					<del>PC04- READER &amp; PUNCH</del>	<del>A-ML-PC04-0-0</del>			
	TAPE CHUTE	D-1A-7408171-0-0					PWR REGULATOR (PL)	A-PL-7006512-0-0					REAR SUPPORT	A-PS-9905052-0-0					<del>PC04- READER &amp; PUNCH</del>	<del>A-ML-PC04-0-0</del>			
	TAPE DEPRESSOR	D-SC-1209915-0-0					HEATSINK, PWR REGULATOR	C-MD-7407068-0-0					TOP SPACER	A-PS-9905056-0-0					<del>PC04- READER &amp; PUNCH</del>	<del>A-ML-PC04-0-0</del>			
	PIN	B-MD-7408172-0-0										TORO PAD	A-PS-9905044-1-0					<del>PC04- READER &amp; PUNCH</del>	<del>A-ML-PC04-0-0</del>				
	PULLY (80CY)	B-MD-7408088-1-0										POLY BAG	A-PS-9905129-7-0					<del>PC04- READER &amp; PUNCH</del>	<del>A-ML-PC04-0-0</del>				
	PULLY (50CY)	B-MD-7408088-2-0																<del>PC04- READER &amp; PUNCH</del>	<del>A-ML-PC04-0-0</del>				
	TORSION SPRING	C-SC-1209924-0-0																<del>PC04- READER &amp; PUNCH</del>	<del>A-ML-PC04-0-0</del>				
3	READER ASSY	D-AD-7008247-0-0				9	PWR REGULATOR BOARD ASSY	C-1A-5408918-0-0				21	PACKAGING INSTRUCTION	A-PI-3700123-0-0					<del>PC04- READER &amp; PUNCH</del>	<del>A-ML-PC04-0-0</del>			
	READER ASSY (PL)	A-PL-7008247-0-0											TAPELESS CARTON	A-PS-9905348-00-0					<del>PC04- READER &amp; PUNCH</del>	<del>A-ML-PC04-0-0</del>			
	TAPE PATH GUIDE	D-MD-7407076-0-0				10	ETCH BOARD	D-1A-5008919-0-0					SPECIAL DIE CUT	A-PS-9905348-01-0					<del>PC04- READER &amp; PUNCH</del>	<del>A-ML-PC04-0-0</del>			
	READER PLATE	D-MD-7407085-0-0											ONE PIECE FOLDER	A-PS-9905348-02-0					<del>PC04- READER &amp; PUNCH</del>	<del>A-ML-PC04-0-0</del>			
	BLOCK READER	B-MD-7407118-0-0											QUAD MODULAR BOOK PACK	A-PS-9905072-0-0					<del>PC04- READER &amp; PUNCH</del>	<del>A-ML-PC04-0-0</del>			
	SHAFT READER PLATE	B-MD-7407120-0-0											POLY BAG	A-PS-9905129-7-0					<del>PC04- READER &amp; PUNCH</del>	<del>A-ML-PC04-0-0</del>			
	ARM SPRING	B-MD-7407118-0-0																<del>PC04- READER &amp; PUNCH</del>	<del>A-ML-PC04-0-0</del>				
	SPRING BULB	A-MD-7407118-0-0																<del>PC04- READER &amp; PUNCH</del>	<del>A-ML-PC04-0-0</del>				
	DEPRESSOR TAPE	C-MD-7407121-0-0																<del>PC04- READER &amp; PUNCH</del>	<del>A-ML-PC04-0-0</del>				
	BRKT TAPE HOLD DOWN	C-MD-7407144-0-0																<del>PC04- READER &amp; PUNCH</del>	<del>A-ML-PC04-0-0</del>				
	SLO SYN MOTOR REWORK	B-1A-7407684-0-0																<del>PC04- READER &amp; PUNCH</del>	<del>A-ML-PC04-0-0</del>				
	SHIM	B-MD-7407800-0-0																<del>PC04- READER &amp; PUNCH</del>	<del>A-ML-PC04-0-0</del>				
	LENS	B-MD-7404989-0-0																<del>PC04- READER &amp; PUNCH</del>	<del>A-ML-PC04-0-0</del>				
																		<del>PC04- READER &amp; PUNCH</del>	<del>A-ML-PC04-0-0</del>				
																		<del>PC04- READER &amp; PUNCH</del>	<del>A-ML-PC04-0-0</del>				
																		<del>PC04- READER &amp; PUNCH</del>	<del>A-ML-PC04-0-0</del>				
																		<del>PC04- READER &amp; PUNCH</del>	<del>A-ML-PC04-0-0</del>				
																		<del>PC04- READER &amp; PUNCH</del>	<del>A-ML-PC04-0-0</del>				
																		<del>PC04- READER &amp; PUNCH</del>	<del>A-ML-PC04-0-0</del>				
																		<del>PC04- READER &amp; PUNCH</del>	<del>A-ML-PC04-0-0</del>				
																		<del>PC04- READER &amp; PUNCH</del>	<del>A-ML-PC04-0-0</del>				
																		<del>PC04- READER &amp; PUNCH</del>	<del>A-ML-PC04-0-0</del>				
																		<del>PC04- READER &amp; PUNCH</del>	<del>A-ML-PC04-0-0</del>				
																		<del>PC04- READER &amp; PUNCH</del>	<del>A-ML-PC04-0-0</del>				
																		<del>PC04- READER &amp; PUNCH</del>	<del>A-ML-PC04-0-0</del>				
																		<del>PC04- READER &amp; PUNCH</del>	<del>A-ML-PC04-0-0</del>				
																		<del>PC04- READER &amp; PUNCH</del>	<del>A-ML-PC04-0-0</del>				
																		<del>PC04- READER &amp; PUNCH</del>	<del>A-ML-PC04-0-0</del>				
																		<del>PC04- READER &amp; PUNCH</del>	<del>A-ML-PC04-0-0</del>				
																		<del>PC04- READER &amp; PUNCH</del>	<del>A-ML-PC04-0-0</del>				
																		<del>PC04- READER &amp; PUNCH</del>	<del>A-ML-PC04-0-0</del>				
																		<del>PC04- READER &amp; PUNCH</del>	<del>A-ML-PC04-0-0</del>				
																		<del>PC04- READER &amp; PUNCH</del>	<del>A-ML-PC04-0-0</del>				
																		<del>PC04- READER &amp; PUNCH</del>	<del>A-ML-PC04-0-0</del>				
																		<del>PC04- READER &amp; PUNCH</del>	<del>A-ML-PC04-0-0</del>				
																		<del>PC04- READER &amp; PUNCH</del>	<del>A-ML-PC04-0-0</del>				
																		<del>PC04- READER &amp; PUNCH</del>	<del>A-ML-PC04-0-0</del>				
																		<del>PC04- READER &amp; PUNCH</del>	<del>A-ML-PC04-0-0</del>				
																		<del>PC04- READER &amp; PUNCH</del>	<del>A-ML-PC04-0-0</del>				
																		<del>PC04- READER &amp; PUNCH</del>	<del>A-ML-PC04-0-0</del>				
																		<del>PC04- READER &amp; PUNCH</del>	<del>A-ML-PC04-0-0</del>				
																		<del>PC04- READER &amp; PUNCH</del>	<del>A-ML-PC04-0-0</del>				
																		<del>PC04- READER &amp; PUNCH</del>	<del>A-ML-PC04-0-0</del>				
																		<del>PC04- READER &amp; PUNCH</del>	<del>A-ML-PC04-0-0</del>				
																		<del>PC04- READER &amp; PUNCH</del>	<del>A-ML-PC04-0-0</del>				
																		<del>PC04- READER &amp; PUNCH</del>	<del>A-ML-PC04-0-0</del>				
																		<del>PC04- READER &amp; PUNCH</del>	<del>A-ML-PC04-0-0</del>				
																		<del>PC04- READER &amp; PUNCH</del>	<del>A-ML-PC04-0-0</del>				
																		<del>PC04- READER &amp; PUNCH</del>	<del>A-ML-PC04-0-0</del>				
																		<del>PC04- READER &amp; PUNCH</del>	<del>A-ML-PC04-0-0</del>				
																		<del>PC04- READER &amp; PUNCH</del>	<del>A-ML-PC04-0-0</del>				
																		<del>PC04- READER &amp; PUNCH</del>	<del>A-ML-PC04-0-0</del>				
																		<del>PC04- READER &amp; PUNCH</del>	<del>A-ML-PC04-0-0</del>				
																		<del>PC04- READER &amp; PUNCH</del>	<del>A-ML-PC04-0-0</del>				
																		<del>PC04- READER &amp; PUNCH</del>	<del>A-ML-PC04-0-0</del>				
																		<del>PC04- READER &amp; PUNCH</del>	<del>A-ML-PC04-0-0</del>				
																		<del>PC04- READER &amp; PUNCH</del>	<del>A-ML-PC04-0-0</del>				

REV	DATE	BY	CHK
1	10/15/73	WILLIAMS	
2	10/15/73	WILLIAMS	
3	10/15/73	WILLIAMS	
4	10/15/73	WILLIAMS	
5	10/15/73	WILLIAMS	
6	10/15/73	WILLIAMS	
7	10/15/73	WILLIAMS	
8	10/15/73	WILLIAMS	

DEC FORM NO. 100

FIRST USED ON OPTION/MODEL PC04	QTY.	DESCRIPTION	PART NO.	ITEM NO.
UNLESS OTHERWISE SPECIFIED				
DIMENSION IN INCHES				
TOLERANCES				
DECIMALS FRACTIONS ANGLES				
± .005 ± 1/64 ± 0°30'				
FINAL SURFACE QUALITY				
REMOVE BURRS AND BREAK SHARP CORNERS				
MATERIAL				
NEXT HIGHER ASSY				
A ML PC04				
FINISH				
SCALE				
SHEET 2 OF 2				
DATE 10/15/73				
BY W. Williams				
CHK'd				
TITLE				
DRAWING INDEX				
LIST PC04				
SIZE CODE				
NUMBER				
REV				
DIT PC04-0-1				
DIST. C				

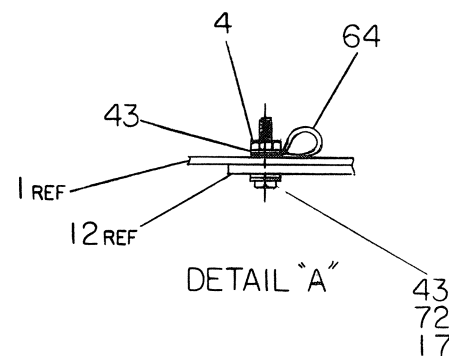


This drawing and specifications, herein, are the property of Digital Equipment Corporation and shall not be reproduced or copied or used in whole or in part as the basis for the manufacture or sale of items without written permission.

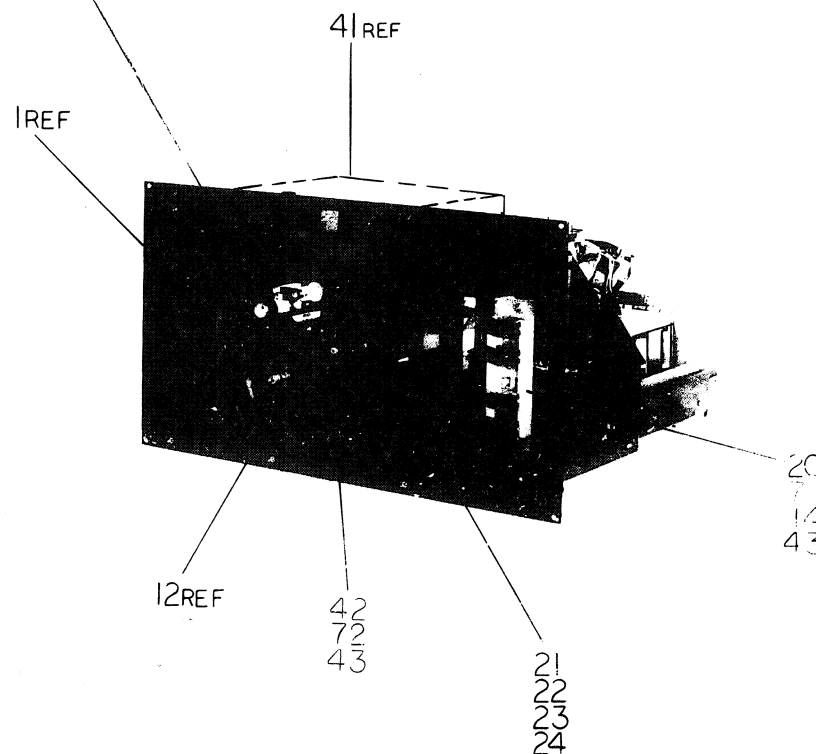
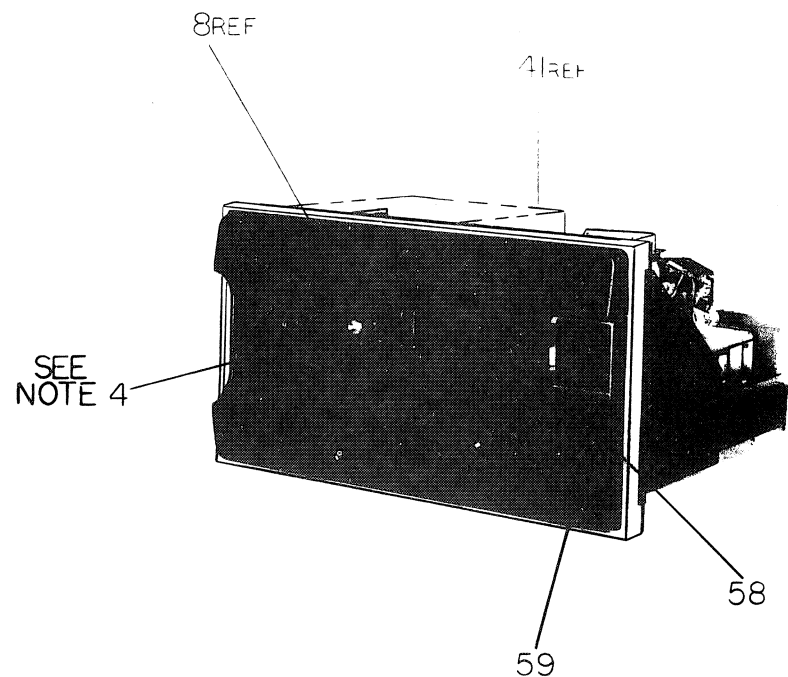
LEGEND		
MODEL	CY	VARIATION
PC04-B, BCL	60	READER & PUNCH
PC04-BA, BC, BM	50	READER & PUNCH
PC04-C, CL	60	READER, PUNCH & SCR
PC04-CA, CM	50	READER, PUNCH & SCR
PC04-PA, PL	60	PUNCH
PC04-PA & PM	50	PUNCH
PC04-R & RB	50/60	READER

#### NOTES:

1. WIRING OF SWITCHES VARIES DEPENDING ON UNIT MODEL BEING BUILT. FOR SWITCH CONNECTION, FOR WIRING PURPOSES SEE DETAIL "A" FOR MODELS B, BA, BB, BC, BCL, BM, DETAIL "B" FOR MODEL PA, DETAIL "C" FOR MODEL PA & RB, AND DETAIL "D" FOR MODEL "C" AND "CA". 50/60 CY HAS NO EFFECT.
2. IF THE SCR DRIVER UNIT IS USED, THIS WIRE WILL CONNECT TO SCR DRIVER T1, NOT T5-6. FOR CORRECT WIRING WHEN UNIT IS USED, SEE SCR DRIVER WIRE LIST (SHEET 3).
3. PLACE CABLE IN POSITION. INSTALL CLAMP OVER CABLE.
4. COVER ASSY TO BE ATTACHED TO CHASSIS ASSY AFTER ALL OTHER INSTALLATIONS ARE COMPLETE. TO DO SO, READER KNOB MUST BE REMOVED, COVER INSTALLED, THEN KNOB REPLACED ON READER SHAFT.
5. ON MODELS P AND PA THIS WIRE WILL BE TIED BACK AND WHITE SHRINKABLE TUBING (ITEM 45) REQ'D.
6. ON ALL MODELS ALL UNUSED WIRES SHOULD BE CONNECTED TO THEIR APPROPRIATE TAPS.
7. MODULE HOLD DOWN BAR TO BE INSTALLED BEFORE SHIPPING MACHINE.
8. PC04-CA & CL ONLY.
9. FOR ALL PC04'S EXCEPT CA & CL.
10. ATTACH POWER INTERLOCK TO REAR OF STATIONARY SECTION OF CHASSIS TRACK. INSERT THE CORD FROM THE POWER INTERLOCK INTO THE JACK ON THE REAR OF THE PC04 (PI). SYSTEM POWER SHALL BE SUPPLIED TO POWER INTERLOCK.



SEE DETAIL A

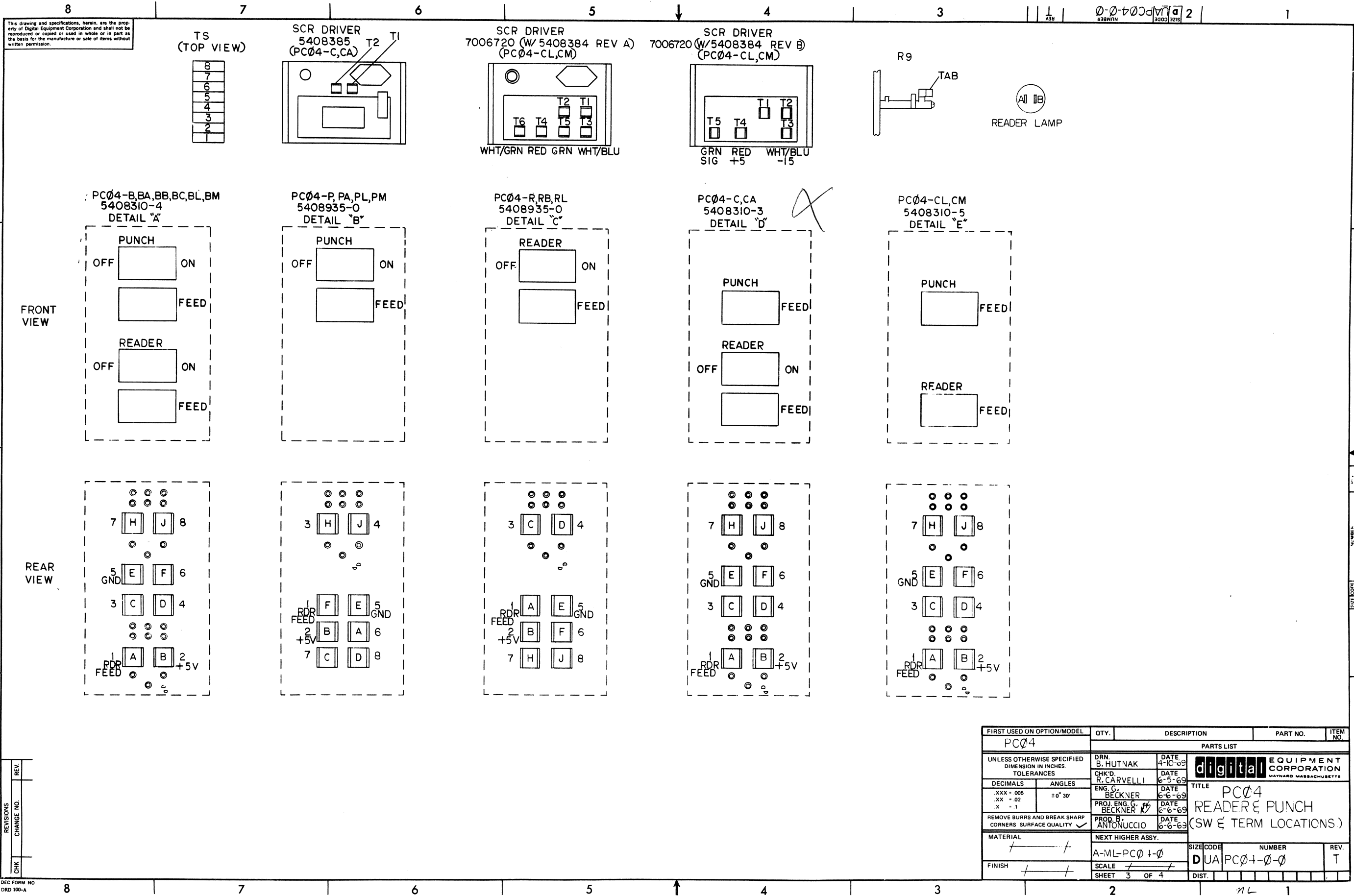


REV.	CHANGE NO.	REV.
A	PC04-00006	1-7-69
B	PC04-00011	1-12-69
C	PC05-00037	1-12-69
D	PC04-00021	1-12-69
E	PC04-00022	1-12-69
F	PC04-00025	1-12-69
G	PC04-00027	1-12-69
H	PC04-00027	1-12-69
I	PC04-00036	1-12-69
J	PC04-00036	1-12-69
K	PC04-00041	1-12-69
L	PC04-00046	1-12-69
M	PC04-00053	1-12-69
N	PC04-00057	1-12-69
O	PC04-00057	1-12-69
P	PC04-00059	1-12-69
Q	PC04-00060	1-12-69
R	PC04-00061	1-12-69
S	PC04-00061	1-12-69
T	PC04-00062	1-12-69
U	PC04-00062	1-12-69
V	PC04-00062	1-12-69
W	PC04-00062	1-12-69
X	PC04-00062	1-12-69
Y	PC04-00062	1-12-69
Z	PC04-00062	1-12-69

FIRST USED ON OPTION / MODEL	QTY.	DESCRIPTION	PART NO.	ITEM NO.
PC04				
UNLESS OTHERWISE SPECIFIED	DRN	DATE	PARTS LIST	
UNLESS OTHERWISE SPECIFIED	CHKD	DATE	digital EQUIPMENT CORPORATION	
DIMENSION IN INCHES	ENG	DATE	MAYNARD, MASSACHUSETTS	
TOLERANCES	PRD	DATE	TITLE	
DECIMALS FRACTIONS ANGLES			PC04	
±.005 ±.001 ±.030			READER AND PUNCH	
FINAL SURFACE QUALITY			SIZE CODE	
REMOVE BURRS AND BREAK SHARP CORNERS			NUMBER	
MATERIAL	NEXT HIGHER ASSY		REV.	
FINISH	A-M-L-PC04-0		T	
	SCALE		SHEET	
	NCNE		OF 4	
			DIST.	



* INK USED ON OPTION / MC-EL			QTY.	DESCRIPTION		PART NO.	ITEM NO.		
PC04									
UNLESS OTHERWISE SPECIFIED			DRN. <i>Robert G. Smith</i>	DATE <i>6/10/69</i>	<div><div>digital</div><div>EQUIPMENT CORPORATION MAYNARD MASSACHUSETTS</div></div>				
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES			CHK'D <i>W. C. Smith</i>	DATE <i>6/10/69</i>					
TOLERANCES			ERC <i>John R. Smith</i>	DATE <i>6/10/69</i>					
DECIMALS FRACTIONS ANGLES ± .005 ± 1/64 ± 0°30'			PRG. ENG. <i>John R. Smith</i>	DATE <i>6/10/69</i>					
FINAL SURFACE QUALITY REMOVE BURRS AND BREAK SHARP CORNERS			PROD. <i>John R. Smith</i>	DATE <i>6/10/69</i>	<div>PC04 READER AND PUNCH</div>				
MATERIAL			NEXT HIGHER ASSY						
			A-ML-PC04-0						
FINISH			SCALE NONE					SIZE CODE	
			SHEET 2 OF 4		DUA PC04-0-0		REV. T		



FIRST USED ON OPTION/MODEL	QTY.	DESCRIPTION	PART NO.	ITEM NO.
PC04				
PARTS LIST				
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES. TOLERANCES	DRN. B. HUTNAK	DATE 4-10-69	<b>digital</b> EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS	
DECIMALS	CHK'D R. CARVELLI	DATE 6-5-69		
ANGLES	ENG. C. BECKNER	DATE 6-6-69		
.XXX = .005 .XX = .02 .X = .1	PROJ. ENG. C. BECKNER	DATE 6-6-69		
REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY	PROD. B. ANTONUCCIO	DATE 6-6-69		
MATERIAL	NEXT HIGHER ASSY.	SIZE CODE	NUMBER	REV.
FINISH	A-ML-PC04-0	DUA	PC04-0-0	T
SCALE	SHEET 3 OF 4	DIST.		

This drawing and specifications, herein, are the property of Digital Equipment Corporation and shall not be reproduced or copied or used in whole or in part as the basis for the manufacture or sale of items without written permission.

CONNECTIONS IF NO SCR DRIVER ASSY			
COLOR/AWG	WIRE	CONNECTION	REMARKS
RED #18	#9	TS - 6	
BLK & YEL BLK & WHT	PUNCH MOTOR	TS - 6	IF PUNCH PRESENT
RED #18	#7	SW BOARD - "H"	SEE DETAIL "A" OR "B" OR "C"
CONNECTIONS FOR 5408385 SCR DRIVER ASSY			
COLOR/AWG	WIRE	CONNECTION	REMARKS
RED #18	#9	SCR - T1	
BLK & YEL BLK & WHT	PUNCH MOTOR	SCR - T2	
RED #18	#7	SW BOARD - "J"	SEE DETAIL "D"
WHT/BLU #22	SCR LEAD	A07B	
WHT/GRN #22	SCR LEAD	B01B	
CONNECTIONS FOR 7006520 SCR DRIVER ASSY			
COLOR/AWG	WIRE	CONNECTION	REMARKS
RED #18	#9	SCR T1	
BLK & YEL BLK & WHT	PUNCH MOTOR	SCR T2	
RED #18	#7	SW BOARD - "J"	SEE DETAIL "E"
WHT/BLU #22	SCR LEAD	A07B	
WHT/GRN #22	SCR LEAD	A07C	NOT USED ON 5408384 REVB
RED #22	SCR LEAD	A07A	
GRN #22	SCR LEAD	B01F	

PUNCH CONNECTIONS			
COLOR	WIRE	CONNECTION	REMARKS
WHT #22	PUNCH CAR	TS - 7	
PLUG PUNCH DATA CABLE (W023) INTO SLOT B02			

CONNECTIONS IF NO READER			
COLOR/AWG	WIRE	CONNECTION	REMARKS
GRY/RED #18	#7	—	SLEEVE WITH ITEM # 45 & TIE BACK
READER CONNECTIONS			
COLOR/AWG	WIRE	CONNECTION	REMARKS
GRY/RED #18	#7	R9 TAB	LAMP RESISTOR
WHT/RED	READER MOTOR	TS - 1	
RED	READER MOTOR	TS - 2	
WHT/GRN	READER MOTOR	TS - 3	
GRN	READER MOTOR	TS - 4	
WHT & BLK	READER MOTOR	TS - 5	
BLK #18	38 39	CI - (-) LAMP "B"	
PLUG READER PHOTOCELL CABLE (W077) INTO SLOT B08			

READER WIRING					
ITEM NO	COLOR/AWG	FROM	USING ITEM NO.	TO	USING ITEM NO.
29	WHT/VIO #22	R1 & R2	—	TS - 1	28
30	WHT/YEL #22	R3 & R4	—	TS - 2	28
31	WHT/ORN #22	R5 & R6	—	TS - 3	28
32	WHT/BRN #22	R7 & R8	—	TS - 4	28
33	VIO #22	R1	—	B06R	—
33	VIO #22	R2	—	B06S	—
34	YEL #22	R3	—	B05R	—
34	YEL #22	R4	—	B05S	—
35	ORN #22	R5	—	B04R	—
35	ORN #22	R6	—	B04S	—
36	BRN #22	R7	—	B03R	—
36	BRN #22	R8	—	B03S	—
SEE VIEW "A-A" ON SHEET 2 FOR IDENTIFICATION OF R1 THRU R8					

COMMON CONNECTIONS			
COLOR/AWG	WIRE	CONNECTION	REMARK
BLK #18	#27	GND LUG	LOGIC GND
GRY/YEL #18	#29	A08B	-15V
BLU #18	#31	B02D	-30V
BLK #18	#28	GND LUG	LOGIC GND
GRY/RED #18	#30	A08A	+5V
GRN #18	#32	B06V	-18V
YEL #22	#1	SW BOARD - "A"	SEE DETAILS "A" THRU "E" FOR LOCATION.
WHT/BLK #22	#2	SW BOARD - "B"	
WHT/YEL #22	#3	SW BOARD - "C"	
BRN #22	#4	SW BOARD - "D"	
BLK #22	#5	SW BOARD - "E"	
WHT #22	#6	SW BOARD - "F"	
RED #18	#8	SW BOARD - "J"	
YEL #22	#11	A01V	
WHT/BLK #22	#12	B07A	+5V
WHT/YEL #22	#13	A08F	
BLK #22	#15	B08C	
WHT #22	#16	B02U	
CONNECTION ON 7006268-0 LOGIC BLOCK (PC04-B, -BA, -BB, BC, -C, -CA, -D, -PA, -R -RB)			
COLOR/AWG	WIRE	CONNECTION	
BRN #22	#14	A02B	
CONNECTION ON 7006268-1 AND -2 LOGIC BLOCK (PC04-BL, -BM, -CL, -CM, -PL, -PM, -RL)			
COLOR/AWG	WIRE	CONNECTION	
BRN #22	#14	A01B	

NOTE: SEE SHEET 3 FOR TERMINAL  
IDENTIFICATION DIAGRAMS.

REVISIONS  
CHANGE NO.  
CHK

DEC FORM NO  
DRJ 100-A

FIRST USED ON OPTION/MODEL PC04-0	QTY.	DESCRIPTION	PART NO.	ITEM NO.
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES TOLERANCES				
DECIMALS	ANGLES	PARTS LIST		
XXX - .005	± 0° 30'	DRN B. HUTN-K	DATE 4-10-69	digital EQUIPMENT CORPORATION MAYNARD MASSACHUSETTS
XX - .02		CHK'D R. CARVELLI	DATE 6-5-69	
X - .1		ENG. GEO. BECKNER	DATE 6-6-69	
REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY		PROJ. ENG. GEO. BECKNER	DATE 6-6-69	
		PROD. B. ANTONUCCIO	DATE 6-6-69	
MATERIAL	NEXT HIGHER ASSY.			
FINISH	A-ML-PC04			
SCALE		SHEET 2 OF 2		REV.
		DIST.		7

This drawing and specifications, herein, are the property of Digital Equipment Corporation and shall not be reproduced or copied or used in whole or in part as the basis for the manufacture or sale of items without written permission.			QUANTITY / VARIATION																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
ITEM NO.	DWG. NO. / PART NO.	DESCRIPTION	PC04-B, BB	PC04-BA, BC	PC04-BL	PC04-BM	PC04-C	PC04-CA	PC04-CL	PC04-CN	PC04-P	PC04-PA	PC04-PL	PC04-PM	PC04-R, RB	PC04-L																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			



This drawing and specifications, herein, are the property of Digital Equipment Corporation and shall not be reproduced or copied or used in whole or in part as the basis for the manufacture or sale of items without written permission.																
ITEM NO.	DWG. NO./PART NO.	DESCRIPTION	PC04-B-EB	PC04-BA-BC	PC04-BL	PC04-BM	PC04-C	PC04-CA	PC04-CL	PC04-CN	PC04-P	PC04-PA	PC04-PL	PC04-PM	PC04-R-EB	PC04-RL
30	9107400-94	WIRE, 22 AWG STRD TEFLON WHT/YEL TRACER	A/R	R/R	R/R	R/R	R/R	A/R	R/R	R/R	-	-	-	-	A/R	R/R
31	9107400-93	WIRE, 22 AWG STRD TEFLON WHT/ORN TRACER	A/R	R/R	R/R	R/R	R/R	A/R	R/R	R/R	-	-	-	-	A/R	R/R
32	9107400-91	WIRE, 22 AWG STRD TEFLON WHT/BRN TRACER	A/R	R/R	R/R	R/R	R/R	A/R	R/R	R/R	-	-	-	-	A/R	R/R
33	9107350-77	WIRE, 22 AWG STRD TEFLON VIO	A/R	R/R	R/R	R/R	R/R	A/R	R/R	R/R	-	-	-	-	A/R	R/R
34	9107350-44	WIRE, 22 AWG STRD TEFLON YEL	A/R	R/R	R/R	R/R	R/R	A/R	R/R	R/R	-	-	-	-	A/R	R/R
35	9107350-33	WIRE, 22 AWG STRD TEFLON ORN	A/R	R/R	R/R	R/R	R/R	A/R	R/R	R/R	-	-	-	-	A/R	R/R
36	9107350-11	WIRE, 22 AWG STRD TEFLON BRN	A/R	R/R	R/R	R/R	R/R	A/R	R/R	R/R	-	-	-	-	A/R	R/R
37	9006905-01	SCR, PHL PAN HD 8-32 X 1-1/8 LG SST	1	1	1	1	1	1	1	1	1	1	1	1	1	1
38	9006634	WASHER, INT TOOTH #8	2	2	2	2	2	2	2	2	2	2	2	2	2	2
39	9006823	HEX SPACER 3/8 X 3/4 LG #8	1	1	1	1	1	1	1	1	1	1	1	1	1	1
40	9006036-01	SCR, PHL PAN HD 8-32 X 5/16 LG SST	1	1	1	1	1	1	1	1	1	1	1	1	1	1
41	E-IA-7407438-0-0	POWER SUPPLY COVER	1	1	1	1	1	1	1	1	1	1	1	1	1	1
42	9006024-1	SCR, PHL PAN HD 6-32 X 1/2 LG SST	10	10	10	10	10	10	10	10	11	11	11	11	8	8
43	9006653	WASHER, FLAT #6 SST	15	15	15	15	15	15	15	15	10	10	10	10	13	13
44	9008141	DEC NAME PLATE	2	2	2	2	2	2	2	2	2	2	2	2	2	2
45	9107275	SHRINKABLE TUBING WHITE (6 IN.)	A/R	R/R	R/R	R/R	R/R	R/R	R/R	R/R	R/R	R/R	R/R	R/R	R/R	R/R
46	B-BB-7006360-1-0	BUS BAR PC04(01)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
47	D-IA-7407067-1-0	I/O CABLE ASSY. (01)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
48	7006145-1	I/O CABLE ASSY. (01)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
49	9006664	WASHER, FLAT #10	24	24	24	24	24	24	24	24	-	-	-	-	24	24
50	C-MD-7408091-0-0	BRK'T RESISTOR	1	1	1	1	1	1	1	1	-	-	-	-	1	1
51	9006565	NUT, KEPS 10-32 X 3/8 X 3/16	4	4	4	4	4	4	4	4	-	-	-	-	4	4
52	9006633	WASHER, INT TOOTH #10	4	4	4	4	4	4	4	4	-	-	-	-	4	4
53	9007799-6	SCR, PHL FILLISTER HD 8-32 X 1.5	1	1	1	1	1	1	1	1	1	1	1	1	1	1
54	1209850	UNIVERSAL MODULE RETAINER	1	1	1	1	1	1	1	1	1	1	1	1	1	1
55	C-IA-7405642-0-0	SCR, MODULE RETAINER	1	1	1	1	1	1	1	1	-	-	-	-	1	1
56	C-IA-7408339-7-0	HOLD DOWN BAR (6")	1	1	1	1	1	1	1	1	-	-	-	-	1	1
57	9107470-55	WIRE, 24 AWG SOLID TEFLON GRNEN	A/R	R/R	-	-	-	-	-	-	-	-	-	-	-	-
58	C-IA-7407134-1-0	BEZEL SWITCH	1	1	1	1	-	-	-	-	-	-	-	-	-	-
58	C-IA-7407134-2-0	BEZEL SWITCH	-	-	-	-	-	-	-	-	1	1	1	1	-	-
58	C-IA-7407134-3-0	BEZEL SWITCH	-	-	-	-	-	-	-	-	-	-	-	-	1	1
58	C-IA-7407134-4-0	BEZ														

THIS DRAWING AND SPECIFICATIONS, HEREIN ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION. COPYRIGHT © , DIGITAL EQUIPMENT CORPORATION																
ITEM NO.	DWG. NO./PART NO.	DESCRIPTION	PC04 B BB	PC04 BA BC	PC04 BL	PC04 BM	PC04 C	PC04 CA	PC04 CL	PC04 CM	PC04 P	PC04 PA	PC04 PL	PC04 PM	PC04 R RB	PC04 RL
68	9007622	GROMMET, CATAPILLAR (3 1/2 IN.)	-	-	-	-	-	A/R	A/R	-	-	-	-	-	-	-
69	B-MD-7408955-0-0	BRACKET	1	1	1	1	1	-	-	1	1	1	1	1	1	1
70	B-MD-7408956-0-0	CLAMP	1	1	1	1	1	-	-	1	1	1	1	1	1	1
71	9008340	CLIP, PVC, HARNESS	1	1	1	1	1	1	1	1	1	1	1	1	1	1
72	9007649	WASHER, EXT. TOOTH #6	14	14	14	14	14	14	14	14	14	14	14	12	12	12
73	1202704	CLAMP, CABLE, WHITE	-	-	-	-	-	1	1	-	-	-	-	-	-	-
74	D-AD-7015804-0-0	PCO INTERLOCK ASSY AC	1	1	1	1	1	1	1	1	1	1	1	1	1	1
75	9006037-1	SCREW, #8-32 x 3/8 LONG	2	2	2	2	2	2	2	2	2	2	2	2	2	2
76	9006634	WASHER, INT. LOCK #8	2	2	2	2	2	2	2	2	2	2	2	2	2	2

REVISIONS  
CHANGE NO.  
CHK

REV.

DRN.	P. Hutnak	4-10-69	FIRST USED ON	digital
CHK'D	R. Carvelli	6/5/69	PC04 (ALL)	
ENG.	G. Beckner	6/6/69	TITLE	
PROJ. ENG.	G. Beckner	6/6/69	PC04 READER	
PROD.	R. Antonuccio	6/6/69	AND PUNCH	
NEXT HIGHER ASSY.				
D-VA-PC34-0-0			SIZE	C
SCALE	+	+	CODE	PL
SHEET	3	OF 3	NUMBER	PC04-0-0
			REV.	T

DEC FORM NO.  
DRC 110 A

4

3

2

1

ml