

		Revisions			2164	D
LAL	Rev.	Description	Chk.	Date	Approved	
	A	ENGRG RELEASE				
	B	M/L ITEM 2 P/N WAS DDC-50P, ITEM 5 WAS 030-1952-000				
	C	ADDED SIGNAL NAME TO WIRE NO. 1, REVISED SIGNAL NAME ON WIRE NO. 3,4,5,7,8,9, & 10.		6-1 76		
	D	ADDED 3M P/N FOR ITEMS 1, 3, 4.		1-26 76		

**ENGINEERING
RELEASE**

Dist. Code
ALT

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	<p>1. Tolerances .XX ±.030 Angular .XXX ±.010 ±½°</p> <p>2. Break All Sharp Edges .010 Approx.</p> <p>3. Mach. Surfaces ✓</p> <p>4. All Dim. In Inches</p>	Check	<i>[Signature]</i>	7-26-76				
		Appr.	<i>[Signature]</i>					
		Material						
Model No. First Use	ALTO II EWO 7YF92		Code Ident.	18338		Size A	Dwg. No. 216414	Change Letter D
Next Assy. Part No.	216302		Finish			Scale NONE	Do Not Scale Drawing	Sheet 1 OF 6

NOTES: UNLESS OTHERWISE SPECIFIED

1. FABRICATE PER XEROX SPEC 209154.

2. CONNECTOR, EDGE (ITEM 1) MAY BE PURCHASED FROM AMP INC, HARRISBURG, PENN, P/N 88083-1 OR 3M COMPANY, ST PAUL, MINN, P/N 3415-0001. SEE NOTE 6.

3. RIBBON CABLE (ITEM 3) MAY BE PURCHASED FROM ANSLEY ELECTRONIC CORP, LOS ANGELES, CALIF P/N 171-50 OR 3M COMPANY, ST PAUL, MINN, P/N 3365-50. SEE NOTE 6.

4. MAY BE PURCHASED FROM CANNON ELECTRIC, SANTA ANA, CALIFORNIA, VENDOR PART NO.

5. MARK CHARACTERS .12 HIGH "NEWS GOTHIC".

6. CABLE ASSY TO BE FABRICATED USING COMPATIBLE PARTS: 3M COMPANY CONNECTOR (ITEM 1), 3M COMPANY POLARIZING KEY (ITEM 4), 3M COMPANY RIBBON CABLE (ITEM 3) WITH CANNON ELECTRIC BULK HEAD CONNECTOR (ITEM 2), OR AMP INC CONNECTOR (ITEM 1), AMP INC POLARIZING KEY (ITEM 4) AND ANSLEY ELECTRONIC CORP RIBBON CABLE (ITEM 3) WITH CANNON COMPANY CONNECTOR (ITEM 2).AN

7. POLARIZING KEY (ITEM 4) MAY BE PURCHASED FROM AMP INC, HARRISBURG, PENN, P/N 88113-01 OR 3M COMPANY, ST PAUL, MINN, P/N 3439-0000. SEE NOTE 6.

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Title

ALTO II

ASSEMBLY, CABLE - KEYBOARD
(INTERNAL)

Xerox Corporation
El Segundo, California

XEROX

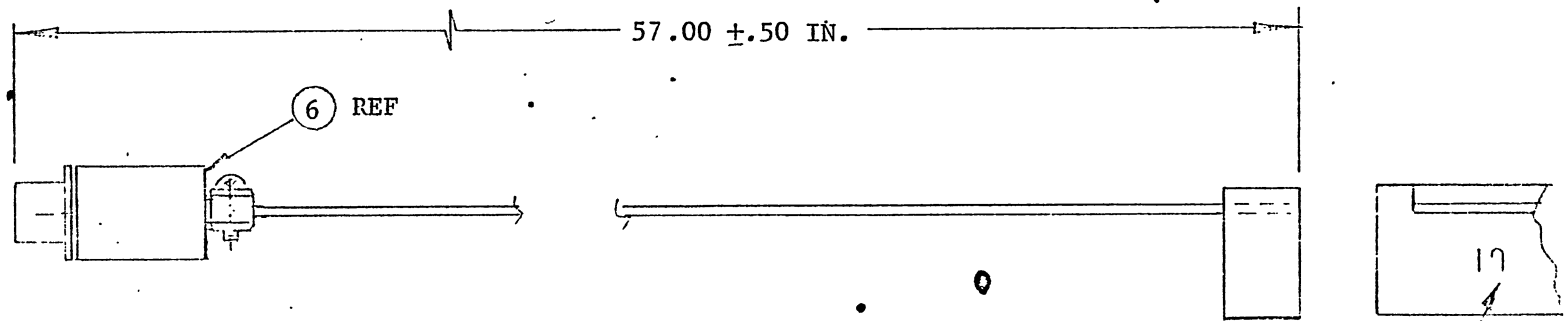
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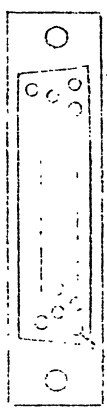
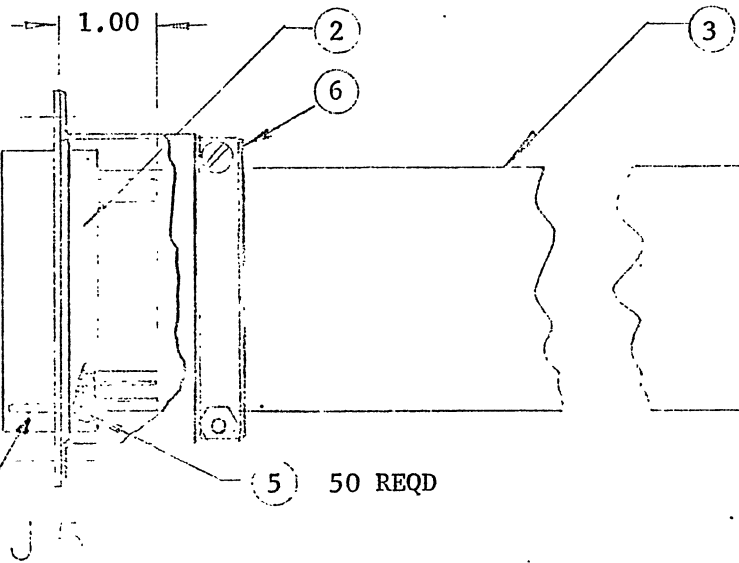
Sheet 2 of 6

ALTO I KEYBOARD TO ALTO II ADAPTER CABLE

DDC-50S	TO	DDC-50P	SIGNAL	color
1		37	GONO	BLACK
2		17	KB0	RED
3		50	KB1	ORANGE
4		49	KB2	YELLOW
5		16	KB3	GREEN
6		32	KB4	BLUE
7		14	KB5	VIOLET
8		30	KB6	GRAY
9		45	KB7	BROWN
10		12	KB8	WHITE
11		28	KB9	BLACK/WHITE
12		43	KB10	RED/WHITE
13		10	KB11	ORANGE/WHITE
14		26	KB12	YELLOW/WHITE
15		41	KB13	GREEN/WHITE
16		8	KB14	BLUE/WHITE
17		24	KB15	VIOLET/WHITE
18		35	SEL0'	GRAY/WHITE
19		20	SEL1'	BROWN/WHITE
20		48	KS0	BLACK/YELLOW
21		15	KS1	RED/YELLOW
22		46	KS2	ORANGE/YELLOW
23		13	KS3	GREEN/YELLOW
24		29	KS4	BLUE/YELLOW
25		44	MS1	VIOLET/YELLOW
26		11	MS2	GRAY/YELLOW
27		27	MS3	BROWN/YELLOW
28		36	MX1	BLACK/ORANGE
29		21	MX2	RED/ORANGE
30		19	MY1	GREEN/ORANGE
31		3	MY2	BLUE/ORANGE
32		4	GONC	BROWN/ORANGE
35		2	+5 VOLT	WHITE #18
37		34	GND	BLACK #18



(J1) (5)



PIN #1

(5) 50 REQD

PIN #1

1

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Title
ALTO II
ASSEMBLY, CABLE - KEYBOARD
(INTERNAL)

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Wire No.	Term	From	To	Term	Wire type	Notes	Signal	Chg. Lst.
1		J1 - 1	J5 - 50		3		KB1	
2		2	17				KB0	
3		3	49				KB2	
4		4	33				SPARE	
5		5	16				KB3 <i>ALTO I</i>	
6		6	48				KS0	
7		7	32				KB4 <i>ALTO I</i>	
8		8	15				KS1	
9		9	47				KEY SLOT	
10		10	31				KEY SLOT	
11		11	14				KB5	
12		12	46				KS2	
13		13	30				KB6	
14		14	13				KS3	
15		15	45				KB7	
16		16	29				KS4	
17		17	12				KB8	
18		18	44				MS1	
19		19	28				KB9	
20		20	11				MS2	
21		21	43				KB10	
22		22	27				MS3	
23		23	10				KB11	
24		24	42 <i>Ro</i>				RO	
25		25	26				KB12	
26		J1 - 26	J5 - 9		3		R1	

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1. Ref Item No's in Applicable Material List.
2. Ref Designations Are Abbreviated. Prefix Each Designation With:

Title ALTO II

ASSEMBLY, CABLE -
KEYBOARD

(INTERNAL)

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Wire No.	Term	From	To	Term	Wire No.	Notes	Signal	Chg. Let.
27		J1 - 27	J5 -41		3		KB13	
28		28	25				R2	
29		29	8				KB14	
30		30	40				R3	
31		31	24				KB15	
32		32	7				R4	
33		33	39				KEYSTATUS	
34		34	23				R5	
35		35	6				KEYSEL	
36		36	38				R6	
37		37	22				KEYSTROBE	
38		38	5				R7	
39		39	37 <i>Gono</i>				GONO	
40		40	21				MX2	
41		41	4				GONC	
42		42	36				MX1	
43		43	20				SEL1	
44		44	3				MY2	
45		45	35				SELO	
46		46	19				MY1	
47		47	2				+5V	
48		48	34				GND	
49		49	18				+5V	
50		J1 - 50	J5 -1		3		GND	

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