

LAL		Revisions		216	D
Rev.	Description	Chk.	Date	Approved	
A	ENGRG RELEASE	<i>J.W.</i>	<i>3/24/76</i>	<i>J.W.</i>	
B	ADDED 3M COMPANY PART NO. TO ITEMS 1,2,3,&4.	<i>PN</i>	<i>7-26 76</i>	<i>J.W.</i>	
C	ADDED WIRE LIST, SH 5 & 6.	<i>PN</i>	<i>8-13 76</i>	<i>J.W.</i>	
D	ADDED SIGNALS TO W/L	<i>PN</i>	<i>9-22 76</i>	<i>J.W.</i>	

**ENGINEERING  
RELEASE**

Dist. Code **ALT**

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	<p>1. Tolerances .XX ±.030      Angular ±1/2° .XXX ±.010</p> <p>2. Break All Sharp Edges .010 Approx.</p> <p>3. Mach. Surfaces      ✓</p> <p>4. All Dim. In Inches</p>	Check <i>L.W.</i>	3/24/76			
		Appr. <i>J.W.</i>	3/26/76			
		Material				
Model No. <b>ALTO II</b> First Use <b>EWO 7YF92</b>	Finish	Code Ident. <b>18338</b>	Size <b>A</b>	Dwg. No. <b>216416</b>	Change Letter <b>D</b>	
Next Assy. First Use <b>216302</b>		Scale <b>NONE</b>	Do Not Scale Drawing		Sheet <b>1 OF 6</b>	

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, PART NO. 3415-0001. SEE NOTE 6.

3 CONNECTOR, BULK HEAD (ITEM 2) MAY BE PURCHASED FROM AMP INC, HARRISBURG, PENN, P/N 206653-1  
OR 3M COMPANY, ST PAUL, MINN, PART NO. 3483-1000. SEE NOTE 6.

4 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.

5 POLARIZING KEY (ITEM 4) MAY BE PURCHASED FROM AMP INC, HARRISBURG, PENN, P/N 88113-01  
OR 3M COMPANY, ST PAUL, MINN, PART NO. 3439-0000. SEE NOTE 6.

6 CABLE ASSY TO BE FABRICATED USING COMPATIBLE PARTS: AMP CONNECTORS (ITEM 1 & 2), ANSLEY  
RIBBON CABLE (ITEM 3), & AMP POLARIZING KEY (ITEM 4) OR  
3M COMPANY CONNECTORS (ITEM 1 & 2), 3M COMPANY RIBBON CABLE (ITEM 3), & 3M COMPANY POLARIZING  
KEY (ITEM 4).

7 MARK CHARACTERS 12 HIGH, "NEWS GOTHIC".

8 THESE DIMENSIONS ARE FOR AMP CABLE ASSEMBLIES ONLY.

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Title ALTO II

ASSEMBLY, CABLE - HY-TYPE/XREG  
(INTERNAL)

Xerox Corporation  
El Segundo, California

**XEROX**

216416

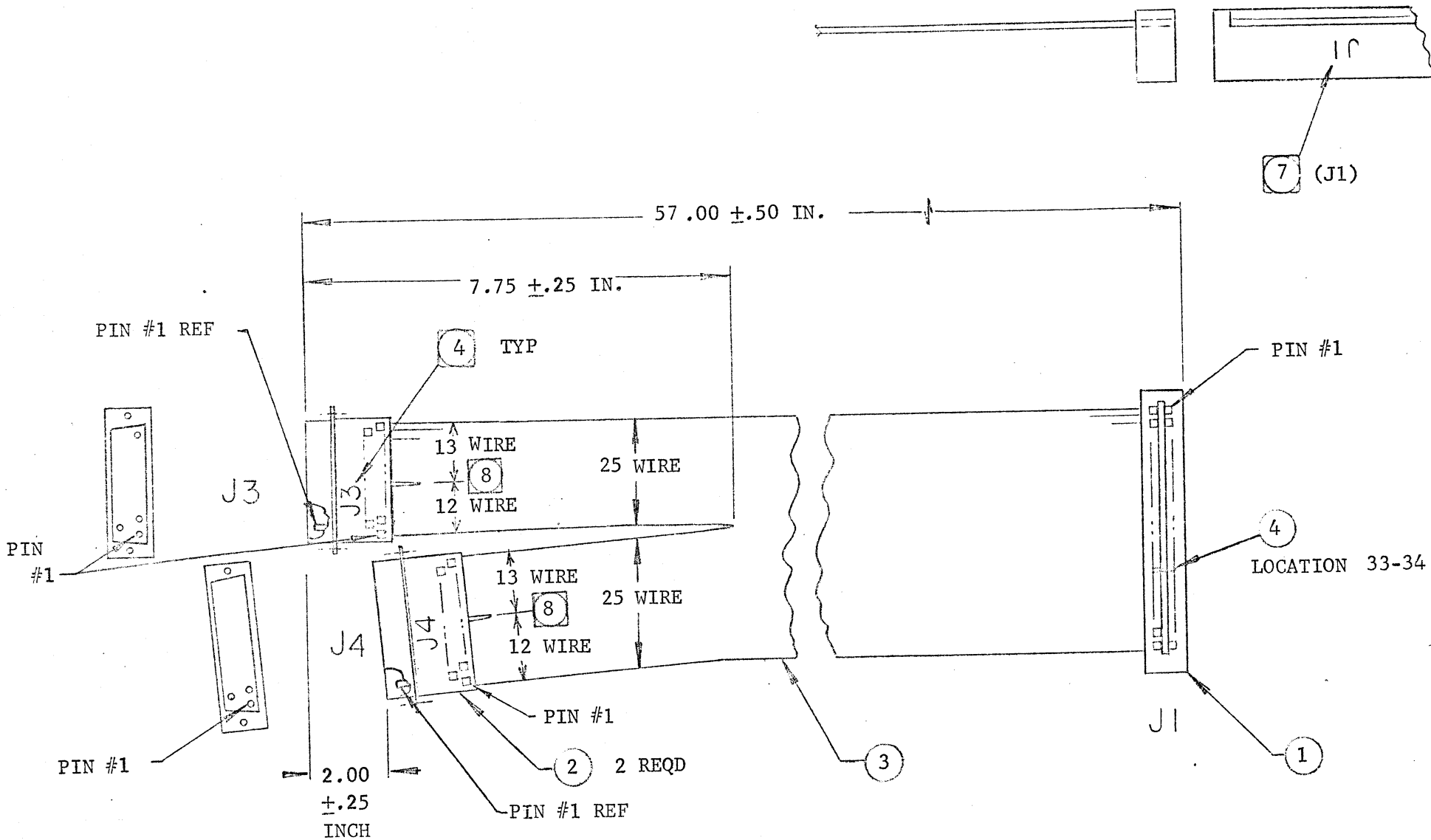
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Title  
 ALTO II  
 ASSEMBLY, CABLE - HY-TYPE/XREG  
 (INTERNAL)

Xerox Corporation El Segundo, California		<b>XEROX</b>	
216416		D	
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<b>ML</b>	Drawing No. 216416	Rev. D
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## Material List

Rev. **D**  
 Drawing No. **216416**  
**ML**

Drawing Title  
**ALTO II**  
 ASSEMBLY, CABLE - HY-TYPE/XREG  
 (INTERNAL)

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Model No. EWO 7YF92	Date 3/15/76	Sheet 4 of 6
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Item No.	Drawing Title	Drawing No.	No. Req.	Remarks
1	Connector, Edge 50 Pin		1	(J1) 6 2
2	Connector, Bulk Head		2	(J3,J4) 6 3
3	Cable, Ribbon 50 Conductor		A/R	6 4
4	Key, Polarizing Pin		1	6 5

Wire No.	Term	From	To	Term	Wire Type	Notes	Signal	Chg. Let.
1		J3 - 13	J1 - 1		50		PPFSTR	
2		25	2				PREST	
3		12	3				PRIB	
4		24	4				PCHSTR	
5		11	5				PCARSTR	
6		23	6				PDATA1024	
7		10	7				PDATA512	
8		22	8				PDATA256	
9		9	9				PDATA128	
10		21	10				PDATA64	
11		8	11				PDATA32	
12		20	12				PDATA16	
13		7	13				PDATA8	
14		19	14				PDATA4	
15		6	15				PDATA2	
16		18	16				PDATA1	
17		5	17				PPFRDY	
18		17	18				PCHK	
19		4	19				PPO	
20		16	20				PRDY	
21		3	21				PCHRDY	
22		15	22				PCARRDY	
23		2	23				GROUND	
24		14	24				GROUND	
25		J3 - 1	J1 - 25				GROUND	
26		J4 - 13	J1 - 26		50		GROUND	

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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 -  
HY TYPE/X REG (INTERNAL)

Xerox Corporation  
El Segundo, California

**XEROX**

216416

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Wire No.	Term	From	To	Term	Wire Type	Notes	Signal	Chg. Let.
27		J4 - 25	J1 - 27		50		X(0)	
28		12	28				X(8)	
29		24	29				X(1)	
30		11	30				X(3)	
31		23	31				X(2)	
32		10	32				X(10)	
33		22	33				X(9)	
34		9	34				X(11)	
35		21	35				X(4)	
36		8	36				X(12)	
37		20	37				X(5)	
38		7	38				X(13)	
39		19	39				X(6)	
40		6	40				X(14)	
41		18	41				X(7)	
42		5	42				X(15)	
43		17	43				KEYWAY	
44		4	44				KEYWAY	
45		16	45				GROUND	
46		3	46				GROUND	
47		15	47				XREG	
48		2	48				SEL1	
49		14	49				X(6)	
50		J4 - 1	J1 - 50		50		SELO	

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