

TLS 4000 MKII INTERFACE SONY BVH-2000

10.27.1000

PAGE

PIN ASSIGNMENT OF SLAVE REMOTE CONNECTORS A AND B

SLAVE REMOTE CONNECTOR A :

PIN	SIGNAL NAME	FUNCTION	SIGNALTYPE
1	GND	Ground	0.0V
2	TA	Transmit A RS 422	
3	TB	Transmit B RS 422	
4	TC	Common	0.0V
5	SHLD	Shield	0.0V
6			
7			
8			
9			
10	RECEN	Record Enable	SWITCH IN
11	AUX 2		
12	AUX 3		
13	AUX 4		
14	OUT 1		
15	OUT 2		
16	OUT 3		
17	OUT 4		
18			
19	GND		0.0V
20			
21			
22	RA	RS422 Receive A	
23	RB	RS422 Receive B	
24	RC	Common	0.0V
25	REMON +	Remote power on	+24V

OC.OUT = output with
external pull-
up resistor
(+28V max.)

SWITCH IN = open collector or
switch driving to
ground

PAGE

PIN ASSIGNMENT OF SLAVE REMOTE CONNECTORS A AND B

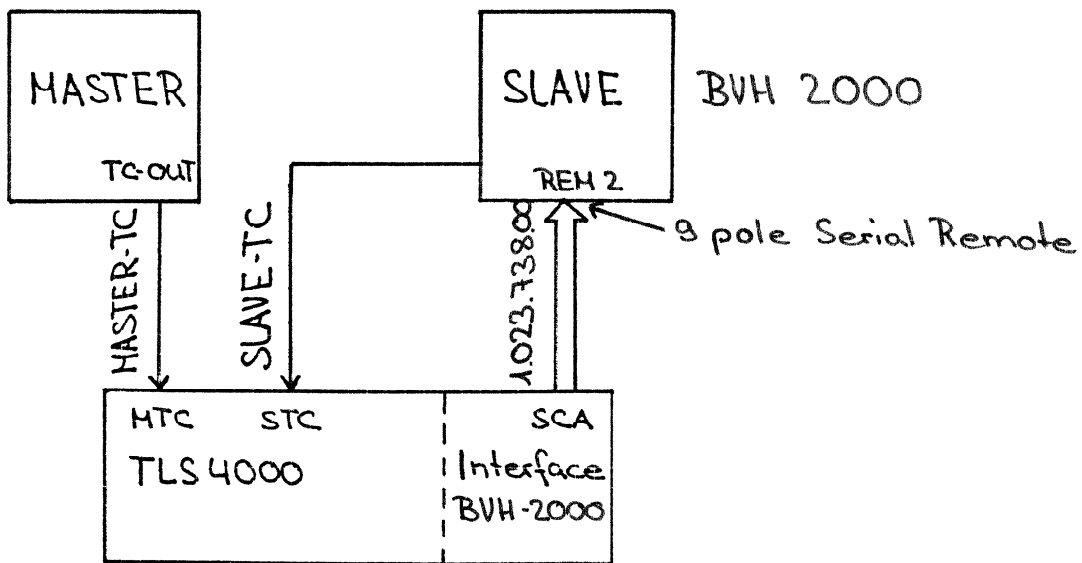
SLAVE REMOTE CONNECTOR B :

PIN	SIGNAL NAME	FUNCTION	SIGNALTYPE
1	0.0 V	GND Synchronizer	
2	RECEN	Record enable signal	SWITCH IN
3	Aux 2		
4	Aux 3		
5	Aux 4		
6	REL 1	Relais contact 1	
7	REL 2	Relais contact 2	
8			
9			
10			
11			
12			
13			
14			
15			
16			
17			
18			
19			
20			
21			
22	OUT 1		
23	OUT 2		
24	OUT 3		
25	OUT 4		

OC.OUT = output with
external pull-
up resistor
(+28V max.)

SWITCH IN = open collector or
switch driving to
ground

CABLING



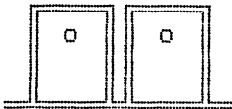
Remote switch on BVH 2000 in position REM 2

PAGE

STATUS DISPLAYS ON THE INTERFACE

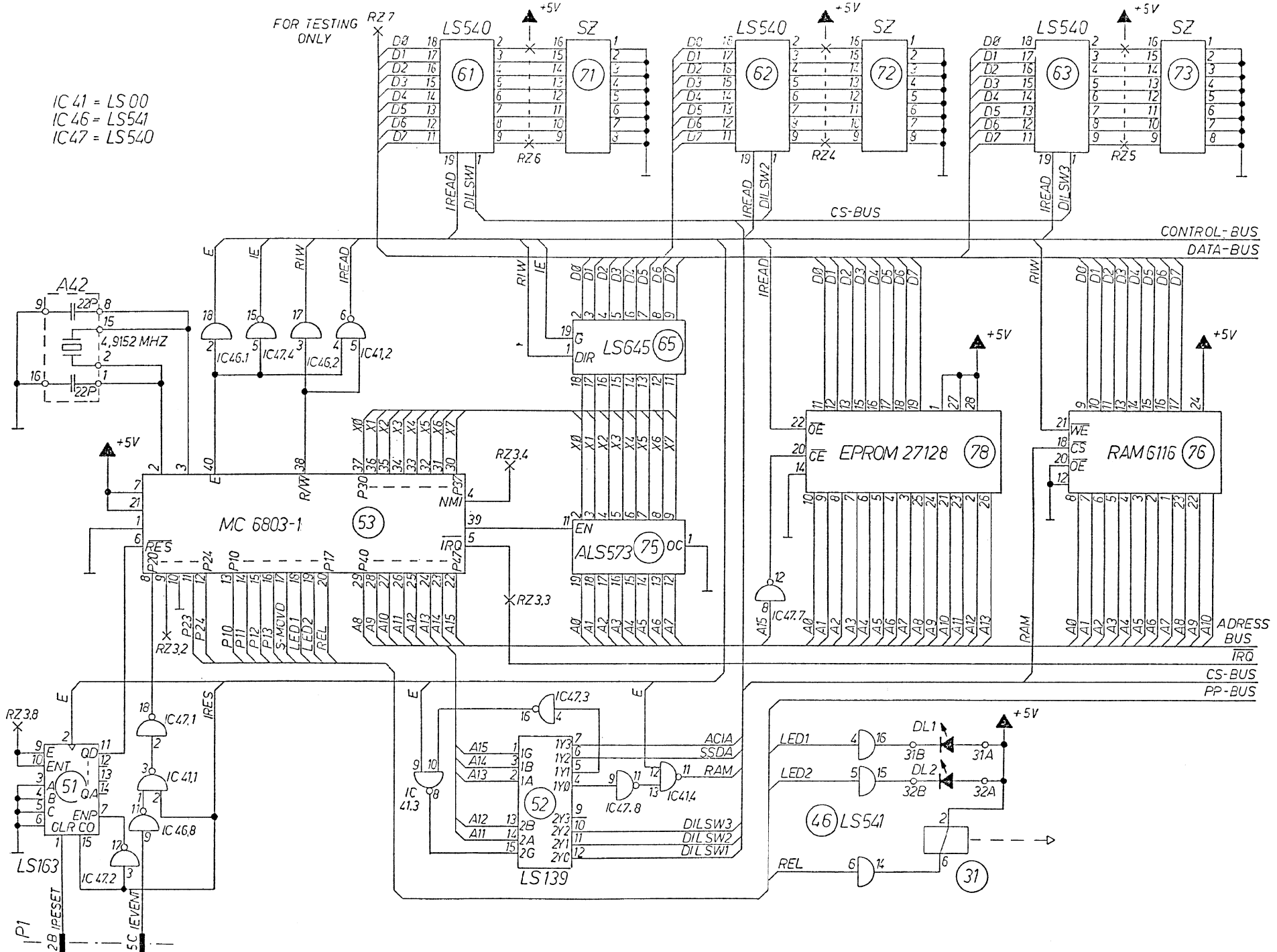
The two LED's on the interface **BVH-2000** PCB serve as status indicators and for diagnosing possible problems.

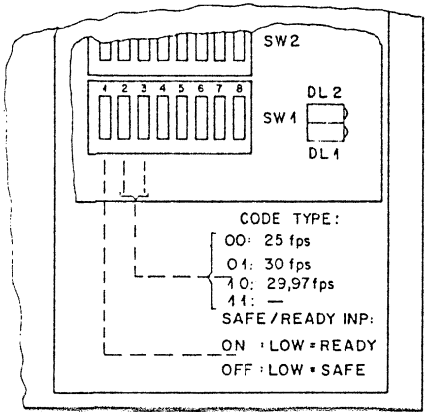
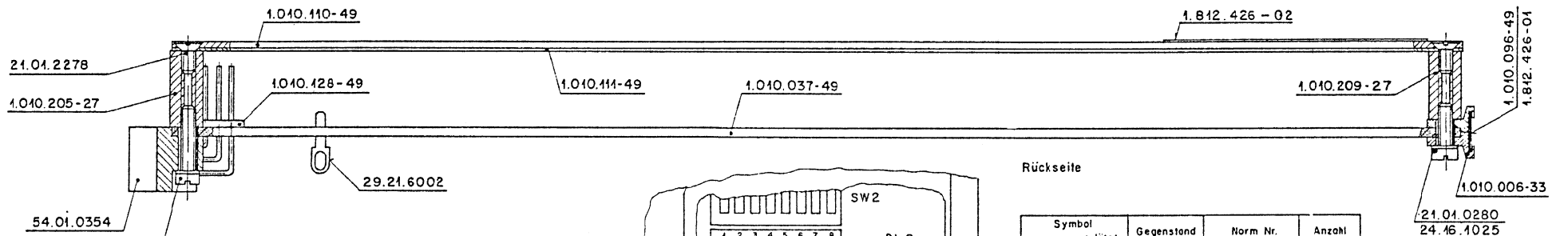
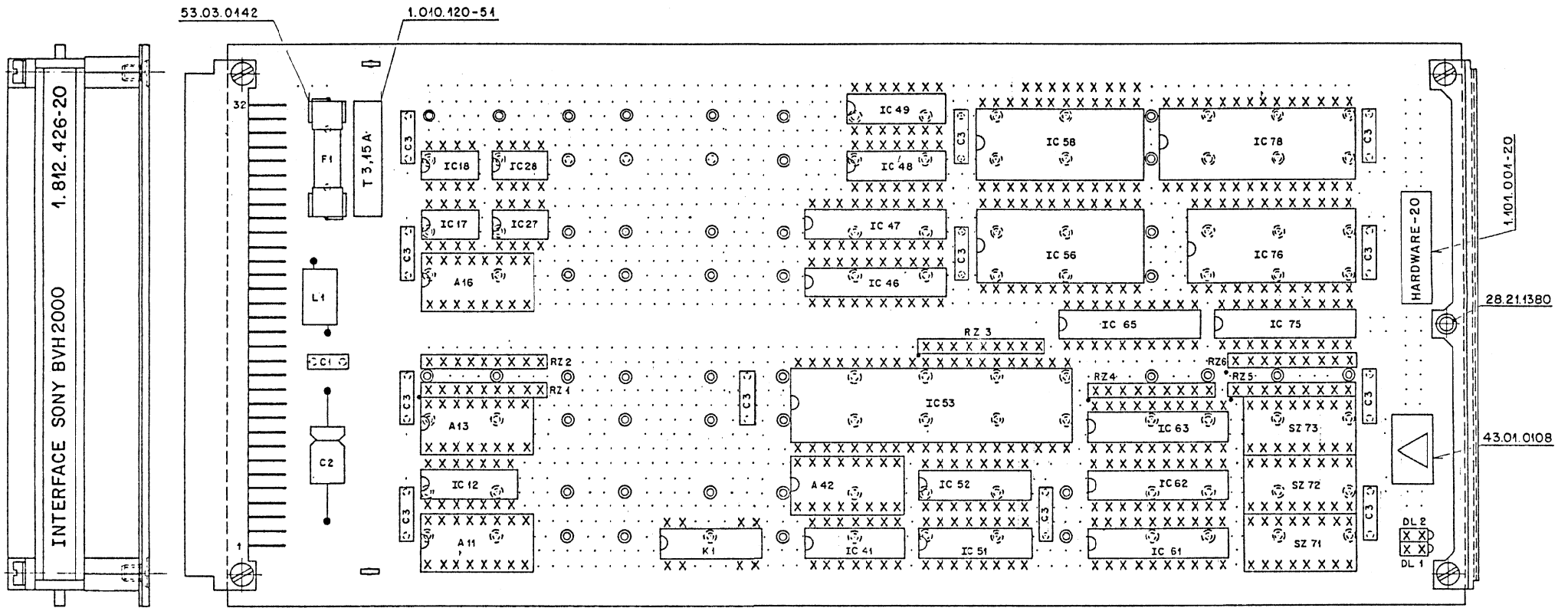
DL1 DL2



- | | | |
|---|---|--|
| | | after initialisation |
| - | - | no ERROR |
| - | * | EPROM error |
| * | - | RAM error |
| * | * | SSDA error (serial I/O) defectiv |
| | | during operation |
| - | - | no error |
| - | * | |
| * | - | no comunication between interface and machine |
| * | * | no comunication between interface and synchronizer board |

IC 41 = LS00
 IC 46 = LS541
 IC 47 = LS540





CODE TYPE:
 OO: 25 fps
 O1: 30 fps
 A0: 29,97 fps
 11: —
 SAFE / READY INP:
 ON : LOW = READY
 OFF : LOW = SAFE

Rückseite

Symbol	verlötet	Gegenstand	Norm Nr.	Anzahl
o	⊗	Front Pin	1.010. -54	—
x	o	Kontakt Pin	1.040.028-54	695
o	⊗	Dummy Pin	1.040.029-54	412

Version	Norm-Nr.	Gute		Änderung
	DIN-Bez.	Oberfläche	Beh.	
Zugehörige Unterlagen.	Abmessung	Freimasstoleranz	Maßstab	Ausgabe
	PL		2:1	4.9.87 A.Ho
Ersatz für:	Ersetzt durch	Datum		Gez
STUDER REGENSDORF ZÜRICH		Benennung INTERFACE SONY BVH 2000		Geor
		ESE		Ges
		Number 1.812.426-20		Index

IND.	POS.NO.	PART NO.	VALUE	SPECIFICATIONS / EQUIVALENT	MANUF.
	A.....11	1.812.208.00		Assembly 406-11	St
	A.....13	1.812.208.00		Assembly 406-11	St
	A.....16	1.812.210.00		Assembly 410-16	St
	A.....42	1.812.201.00		Assembly 120-52	St
	C.....1	59.99.0205	68 nF	-20%, 63V , CER	
	C.....2	59.25.3470	47 uF	-10%, 16V , EL	
	C.....3	59.99.1200	0.068 uF	10%, 100V , PET	Quantity: 12
	DL.....1	50.04.2107		LED red , 555-2007	D
	DL.....2	50.04.2107		LED red , 555-2007	F
	F.....1	51.01.0122	3.15 AT	250V, 5 * 20	
	IC...12	50.11.0104		LM 339 AN, UA 339	,A
	IC...17	50.15.0114		uA 9637	
	IC...18	50.05.0227		SN 75 472 P, SN 75 462 JG,	
	IC...27	50.15.0115		SN 75176, DS 3695	
	IC...28	50.05.0227		SN 75 472 P, SN 75 462 JG,	
	IC...41	50.06.0000		SN 74 LS 00 N	
	IC...46	50.06.0541		SN 74 LS 541 N	
	IC...47	50.06.0540		SN 74 LS 540 N	
	IC...48	50.06.0074		SN 74 LS 74 N	
	IC...49	50.06.0014		SN 74 LS 14 N	
	IC...51	50.06.0163		SN 74 LS 163 AN	
	IC...52	50.06.0139		SN 74 LS 139 N	
	IC...53	50.16.0107		MC 6803 P-1, HD 6803 r 1	,A Mot,Hi
	IC...56	50.16.0101		MC 68A50, S 68A50	,A Mot,AMI
	IC...58	50.16.0114		MC 68A52, HD 68A52	,A Mot,Hi
	IC...61	50.06.0540		SN 74 LS 540 N	
	IC...62	50.06.0540		SN 74 LS 540 N	
	IC...63	50.06.0540		SN 74 LS 540 N	
	IC...65	50.06.0645		SN 74 LS 645 N	
	IC...75	50.06.1573		SN 74ALS 573 N	
	IC...76	50.14.0107		HM 6116 LP-4, MSM 5128-12RS	,A Hi,OKI
	IC...78	50.14.0125	see note	HN 27128AG-25, 27128-A	,A It,Hi

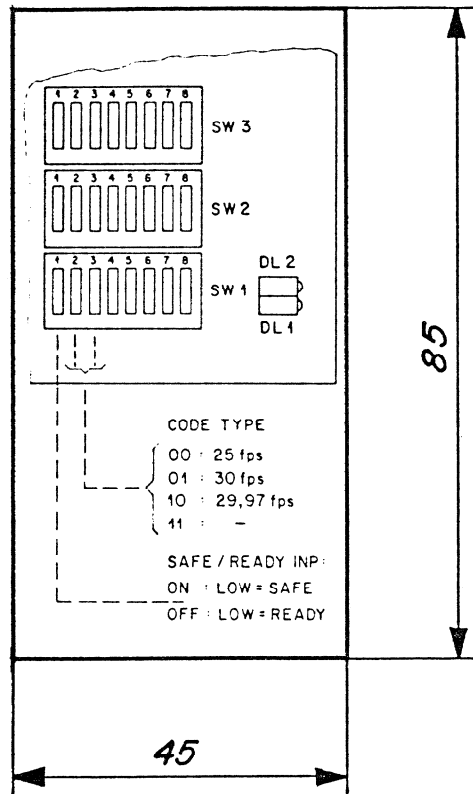
IND.	POS.NO.	PART NO.	VALUE	SPECIFICATIONS / EQUIVALENT	MANUF.
	K.....31	56.02.1003	5V, 1*A	100V/0.5A, Print	
	L.....1	62.01.0115		Wide Band HF-Choke	
	P.....1	54.01.0354		Card Connector 3 * 32 Euro Wrap	
	RZ.....1	57.88.4332	8 * 3.3K	5%, Single Line	
	RZ.....2	57.85.4103	8 * 10K	5%, Single Line	
	RZ.....3	57.88.4332	8 * 3.3K	5%, Single Line	
	RZ.....4	57.88.4332	8 * 3.3K	5%, Single Line	
	RZ.....5	57.88.4332	8 * 3.3K	5%, Single Line	
	RZ.....6	57.88.4332	8 * 3.3K	5%, Single Line	
	SZ...71	55.01.0168		8 * ON DIL-Switch	
	SZ...72	55.01.0168		8 * ON DIL-Switch	
	SZ...73	55.01.0168		8 * ON DIL-Switch	

Note : Software release 1.812.966.20 (IC 78)

CER = Ceramic, EL = Electrolytic, PET = Met. Polyester

MANUFACTURERS : AMI = American Microsystem Inc.
 Di = Dialco
 Hi = Hitachi
 It = Intel
 Mot = Motorola
 OKI = OKI Semiconductor
 St = Studer

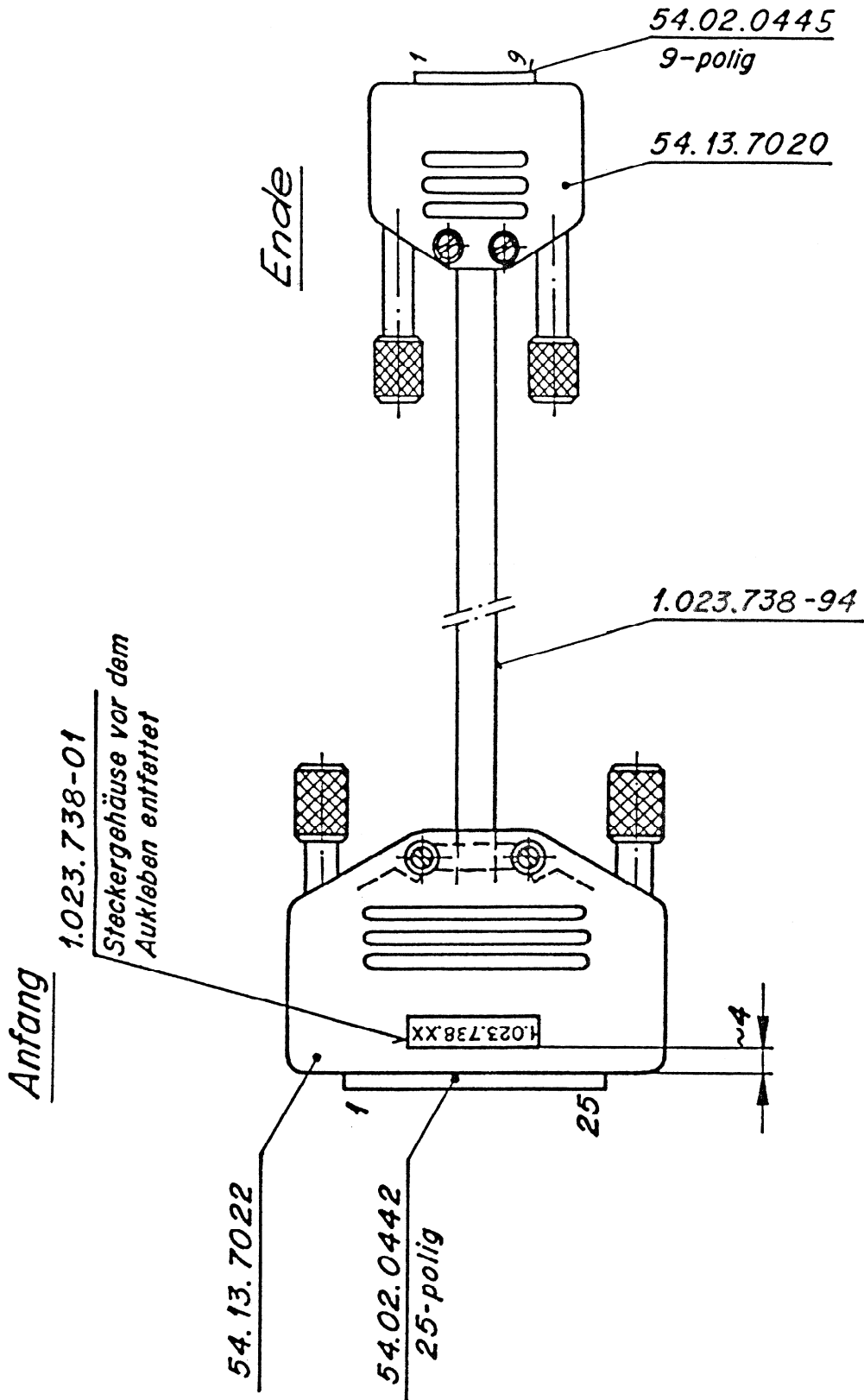
DRIG 87/08/12



Material : Papier, weiss, holzfrei, 0,1 dick
Klebstoff: gut haftend
Druck : schwarz

Lieferant : Wölco - Wölfle + Co
D - 7031 Ehningen

Werkstoff	Norm-Nr.:	Oberfläche	Güte:		Änderung					③
	DIN-Bez.:		Beh.:							②
	Abmessung:									①
Zugehörige Unterlagen:		Freimasstoleranz:	Maßstab:		Ausgabe	7.9.87	A.Ho			④
<i>CL</i>		$\pm 0,2$	<i>1:1</i>		Datum	Gez.	Gepr.	Ges.	Index	
Ersatz für:		Ersetzt durch:			Kopie für:					
STUDER REGENSDORF ZÜRICH		Benennung: <i>Klebe - Etikette</i>			Nummer: <i>1.812.426-02</i>					



Werkstoff	Norm-Nr.:	Oberfläche	Güte:	Änderung					③	
	DIN-Bez.:		Beh.:							②
	Abmessung:									①
Zugehörige Unterlagen:		Freimasstoleranz:	Maßstab:	Ausgabe	18.12.86				④	
KL, VL		±	1:1	Datum		Gez.	Gepr.	Ges.	Index	
Ersatz für:		Ersetzt durch:		Kopie für						
STUDER REGENSDORF ZÜRICH		Benennung: IF-Kabel Ampex VPR-6		Nummer: 1.023.738-00						

PRODUKTIONS-VERDRÄHTUNGS-LISTE

*** 1.023.738.00 ***

AEND.DAT. 86/12/16-00

SEITE 1

IF-KABEL AMPEX VPR-6

PROC.DAT. 86/12/15 * 16:48

TOTAL 1 SEITE

40D IDX	BAUTEIL NR.	POS/A. NR.	FARBE	SIGNAL	NAME	-- AN F A N G --				--- A N Z A P F U N G ---				E N D E -----				BEM						
						TYP	VERDRÄHTUNGSORT	LAENGE	TYP	VERDRÄHTUNGSORT	LAENGE	TYP	VERDRÄHTUNGSORT	LAENGE	TYP	VERDRÄHTUNGSORT	LAENGE							
						AS	GR	EL	PT	ANFANG	AS	GR	EL	PT	TOTAL	AS	GR	EL	PT					
	1.023.738.94	0010				3000																		
		0020	WS	TA		B	00	00	01	02						A	00	00	02	08				
		0030	GN	TB		B	00	00	01	03						A	00	00	02	03				
		0040	BR	TC		B	00	00	01	04						A	00	00	02	01				
		0010	SC	SHLD		BB	00	00	01	05							00	00	00	00				
		0050	GB	RA		B	00	00	01	22						A	00	00	02	02				
		0060	GR	RB		B	00	00	01	23						A	00	00	02	07				