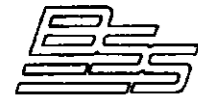


DRAWING NUMBER ISSUE  
S-B261BA-02



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INDUSTRIES LIMITED  
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POTTERS BAR  
HERTS  
EN6 3JN  
Tel 01707 660667  
Fax 01707 660755

BSS AUDIO LTD  
MASTER

TITLE: 261 FRONT PANEL  
COMP SIDE ASSY  
SMT 1 OF 2

FILENAME: S-B261B-02.LAY

DRAWN: PST

DATE: 23/09/99

CHECKED: PT 27/07/00

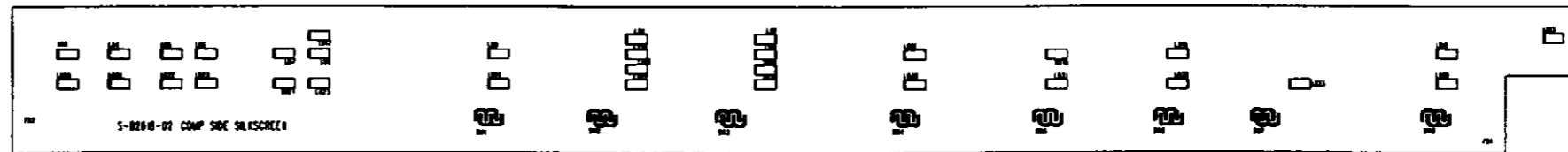
MATERIALS:

FINISH:

ALL DIMENSIONS IN mm

ISSUE COMMENTS:

- 1. PRE-PRODUCTION RELEASE
- 2. PRODUCTION RELEASE 21/07/00



COMPONENT SIDE VIEW

337604 X1  
*[Signature]* 21/07/00  
337604-001 X1 FRONT PANEL ASSY, EN6-CONTROLLER

SORTED BY: SEQUENCE NO.  
EFFECTIVE: 28/11/00

REQUESTED BY: JSOPPITT

COMPONENT PART NUMBER	BOX	SEQ	DESCRIPTION	QTY UM	COMPONENT REFERENCES
AA		REF	***PROCESS SHEET ISSUE***	1.000 EA	REV01 - INTRODUCED TO PRODUCTION REV.02-ECN0346-S-B261B-01 NOW ISSUE 02
AS0222R-0805F		010	SM0805 RES 2K2 1% 0.1W T200	1.000 EA	R20
AS0331R-0805F		010	SM0805 RES 330R 1% 0.1W T200	33.000 EA	R1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,21,22,23 24,25,26,27,28,29,30,31,32,33,34
BS0013R-SOT23		010	BAV70 SM DUAL DIODE COM CATH	4.000 EA	D1,2,3,4
BS2108R-S016		010	74HC595 SM 8BIT+LATCH	5.000 EA	IC1,2,3,4,5
CS1221R-1206J		010	CAP CRMC 220PF 5% 50V NP0	1.000 EA	C6
CS7104R-1206K		010	CAP CRMC 100NF 10% 50V X7R	5.000 EA	C1,2,3,4,5
FF10064		010	CONNECTOR FCC VERT 10 WY XL04-	1.000 EA	CN1
JS0004		010	LED RED SML-010UT	7.000 EA	LD1,3,4,5,6,7,8
JS0005		010	LED YEL SML-010YT	10.000 EA	LD2,10,11,14,15,16,19,26,29,30
JS0006		010	LED GRN SML-010PT	15.000 EA	LD9,12,13,18,20,21,22,23,24,25,27,28,31,32,33

ITEMS LIST 261B PCB ASSY SM

PART NO. R-B261B-02-SM

REFERENCE

28/11/2000 14.55.54

PAGE 2

COMPONENT  
PART NUMBER

BOX

SEQ

DESCRIPTION

QTY  
UM

COMPONENT REFERENCES

S-B261B-02

010 PCB FRONT PANEL BRD.-B261

1.000  
EA

----- \* END OF REPORT PCP010P \* -----

PART / DRG. NUMBER  
**P-B261BJ-01**

TITLE.  
**JBL-B2 CONTROLLER  
OVERLAY ALIGNMENT JIG**  
Sheet 1 of 1

MATERIAL.  
BASE - 1.6 THK ZINTEC  
PINS - STAINLESS STEEL

FINISH.  
CLEAN

DETAILS:

ISSUE COMMENTS. (FOR REFERENCE ONLY)

FILENAME.

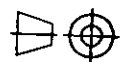
DRAWN. PB

DATE. 14.2.00

CHECKED.

ALL DIMENSIONS ARE IN millimetres.  
DIMENSION TOLERANCE.  
DIMENSION TO 1 DECIMAL PLACE IS  $\pm 0.25\text{mm}$   
DIMENSION TO 2 DECIMAL PLACES IS  $\pm 0.1\text{mm}$   
ANGULAR TOLERANCE IS  $\pm 0.5^\circ$ .

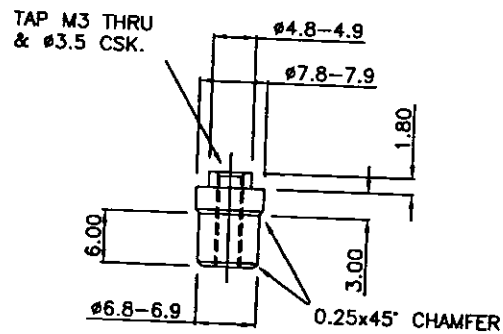
THIRD ANGLE



Harman International Industries Ltd.  
Crabtree House,  
Crabtree Road,  
Potters Bar,  
Hertfordshire EN6 3JN  
UK  
Tel. 01707 660667  
Fax. 01707 660755

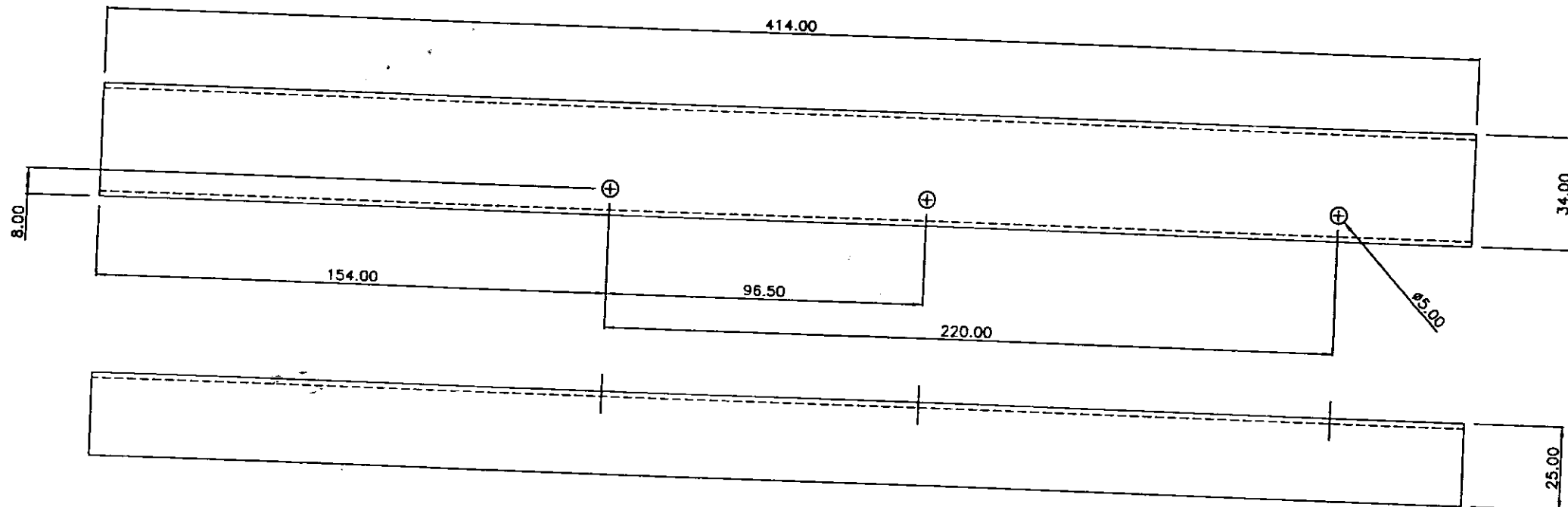
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DO NOT SCALE

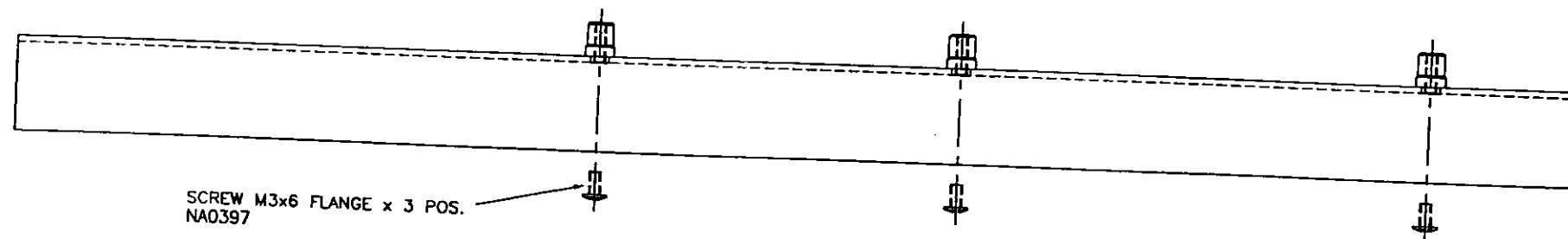


3 off PINS REQUIRED PER JIG.  
Scale 2:1

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BASE ASSEMBLED WITH PINS



REMOVE ALL BURRS & SHARP EDGES

DRAWING NUMBER

S-B261BR-02

DO NOT SCALE

STOCK REF

S-B261B-02



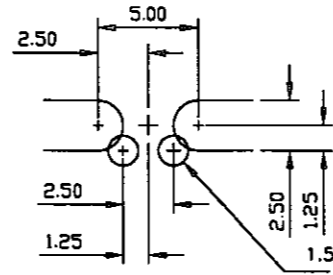
CRANBORNE HOUSE  
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POTTERS BAR  
HERTS EN8 3JN  
ENGLAND

Phone 01707 880887  
Fax 01707 880755

TITLE

B261 DISPLAY PCB  
MOTHERPANEL

PCB ROUTING DETAILS  
54 POSITIONS  
SCALE 4:1



BSS AUDIO LTD  
MASTER

FILENAME S-B261BR-02

DRAWN AW

DATE 24-09-99

CHECKED FT 27/07/06

MATERIAL:

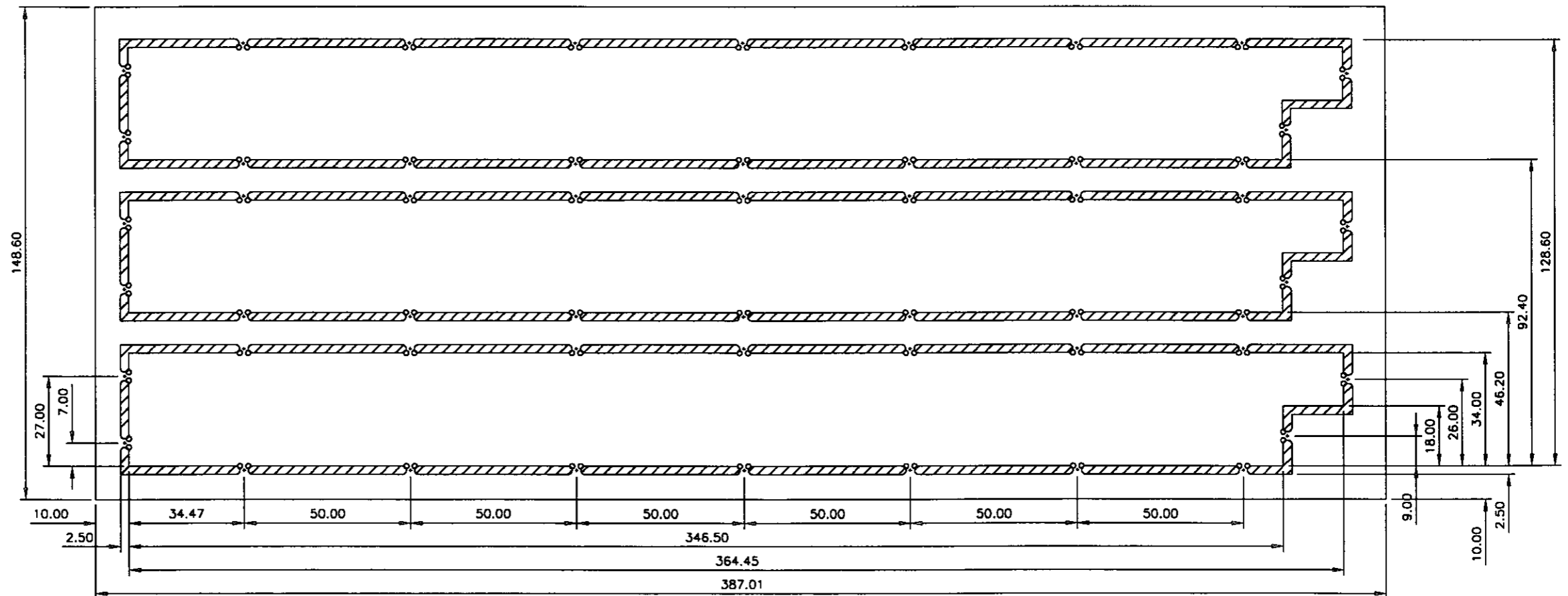
FINISH:

DETAILS

1. USE A #2.5 TOOL TO PROFILE IN THE POSITIONS SHOWN
2. MATERIAL 1.6mm GLASS FIBRE  
1oz CU DOUBLE SIDED P.T.H. GOLD  
FLAMMABILITY RATING TO 94-V0
3. SOLDER RESIST BOTH SIDES IN GREEN
4. LEGEND ON BOTH SIDES IN WHITE

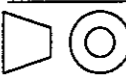
ISSUE COMMENTS (REF. ONLY)

- P1. FIRST PROTOTYPE 24-09-99
1. PRE-PRODUCTION RELEASE 8/12/99
  2. PRODUCTION RELEASE 21/07/00



ALL DIMENSIONS ARE IN mm.  
DIMENSION TOLERANCE  
DIMENSION TO 2 DECIMAL PLACES IS ±0.1mm  
DIMENSION TO 1 DECIMAL PLACE IS ±0.25mm

THIRD ANGLE



FOR DRILL AND PROFILE DETAILS REFER TO DRAWING S-B261B

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REMOVE ALL BURRS & SHARP EDGES

DRAWING NUMBER ISSUE  
S-B261BA-02



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BSS AUDIO LTD  
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TITLE: 261 FRONT PANEL  
SOLDER SIDE ASSY SHT 2 OF 2

FILENAME: S-B261B-02.LAY

DRAWN: PST

DATE: 23/09/99

CHECKED: PT 27/07/00

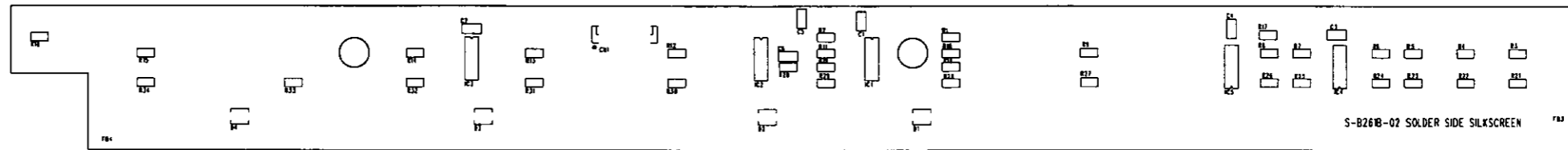
MATERIALS:

FINISH:

ALL DIMENSIONS IN mm

ISSUE COMMENTS:

1. PRE-PRODUCTION RELEASE
2. PRODUCTION RELEASE 21/07/00



SOLDER SIDE VIEW

DRAWING NUMBER ISSUE  
**S-B261B-02**

SIZE	CON	QTY	SYM
0.508	Yes	93	■
1.55	No	16	○
4	No	6	■
4.25	No	2	■



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TITLE: B261 FRONT PANEL PCB

SHT 1 OF 1

FILENAME: S-B261B-02.LAY

DRAWN: PST

DATE: 23/09/99

CHECKED: PT 27/07/00

MATERIALS:

FINISH:

ALL DIMENSIONS IN mm

MANUFACTURING NOTES:

MATERIAL :  
 1.6mm +/- 0.2 THK. GLASS FIBRE  
 1 oz CU DOUBLE SIDED  
 FLAMMABILITY RATING TO 94-V0

FINISH:  
 1. PCB TO FINISHED GOLD  
 2. SOLDER RESIST BOTH SIDES IN GREEN  
 PHOTOMACABLE  
 3. LEGEND ON BOTH SIDES IN WHITE

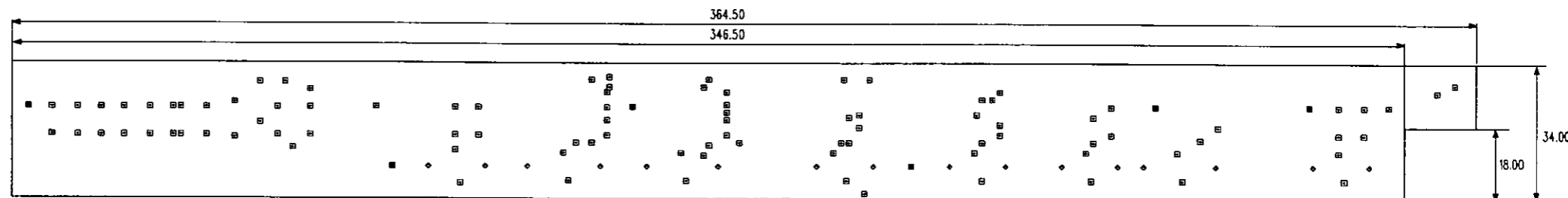
DRILLING:  
 1. SEE DRILL TABLE FOR HOLE SIZES &  
 PLATING INFO.  
 HOLE SIZES SPECIFIED ARE FINISHED SIZES  
 HOLE TOL. +0.15/ -0

SURFACE MOUNT:  
 BOTH SIDES -256-  
 MIN PAD 0.024" x 0.060"

TRACKING:  
 MINIMUM TRACK WIDTH 0.008"  
 MINIMUM TRACK SPACING 0.008"

TESTING:  
 DOUBLE SIDED BARE BOARD TEST

NOTES:  
 TOL. +/- 0.1mm UNLESS STATED OTHERWISE  
 DIMENSIONS IN MM UNLESS STATED OTHERWISE



FOR MOTHERPANEL DETAILS REFER TO DWG NO. S-B261BR

ISSUE COMMENTS:

1. PRE-PRODUCTION RELEASE
2. PRODUCTION RELEASE 21/07/00

**1oz CU**

BSS AUDIO LTD  
**MASTER**

DRAWING NUMBER ISSUE  
S-B261BA-02



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TITLE: 261 FRONT PANEL  
COMP SIDE ASSY

SHT 1 OF 2

FILENAME: S-B261B-02.LAY

DRAWN: PST

DATE: 23/09/99

CHECKED: PT 27/07/00

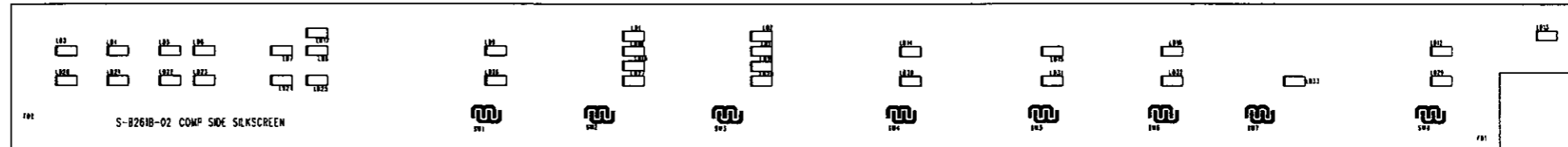
MATERIALS:

FINISH:

ALL DIMENSIONS IN mm

ISSUE COMMENTS:

1. PRE-PRODUCTION RELEASE
2. PRODUCTION RELEASE 21/07/00



COMPONENT SIDE VIEW