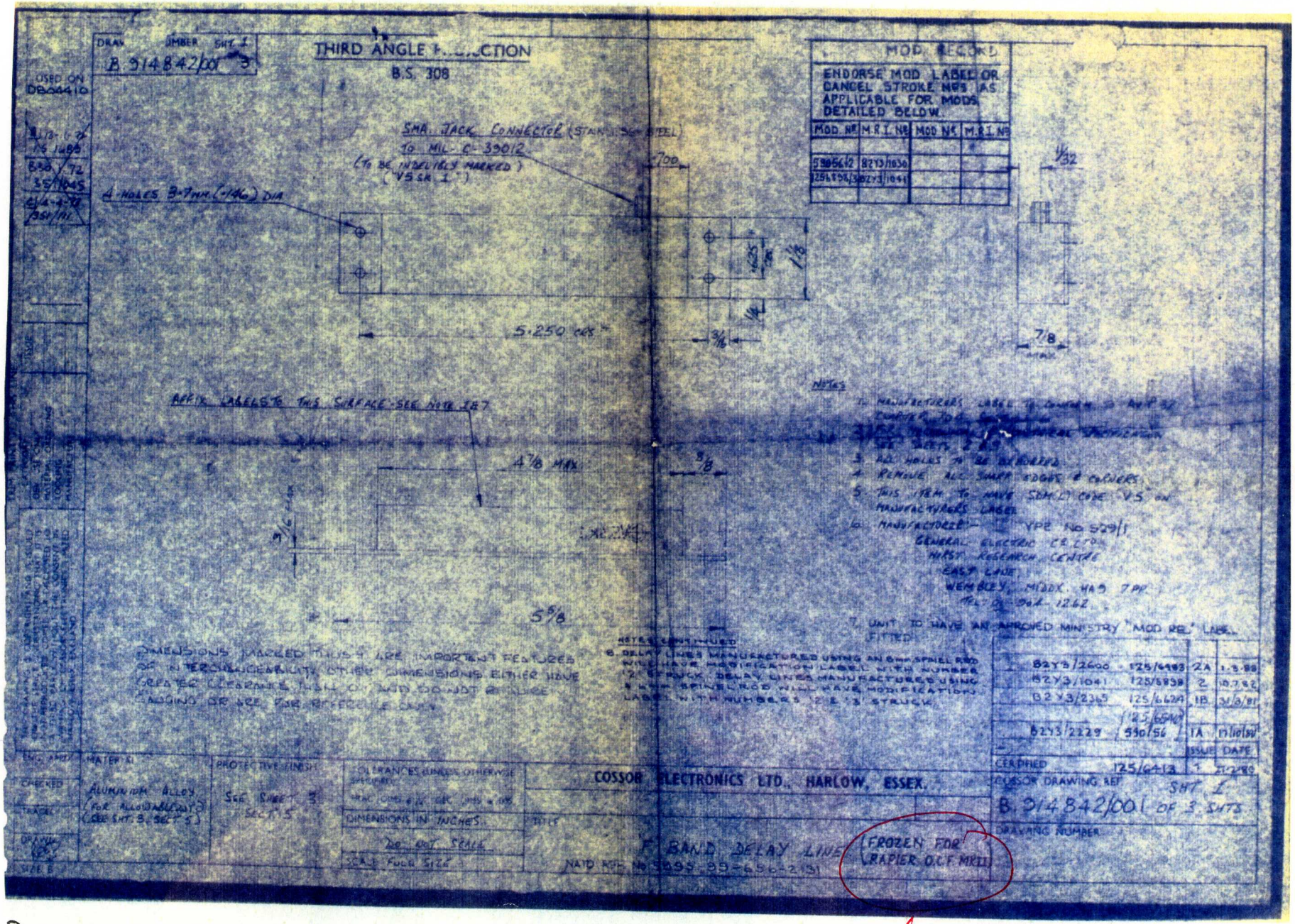
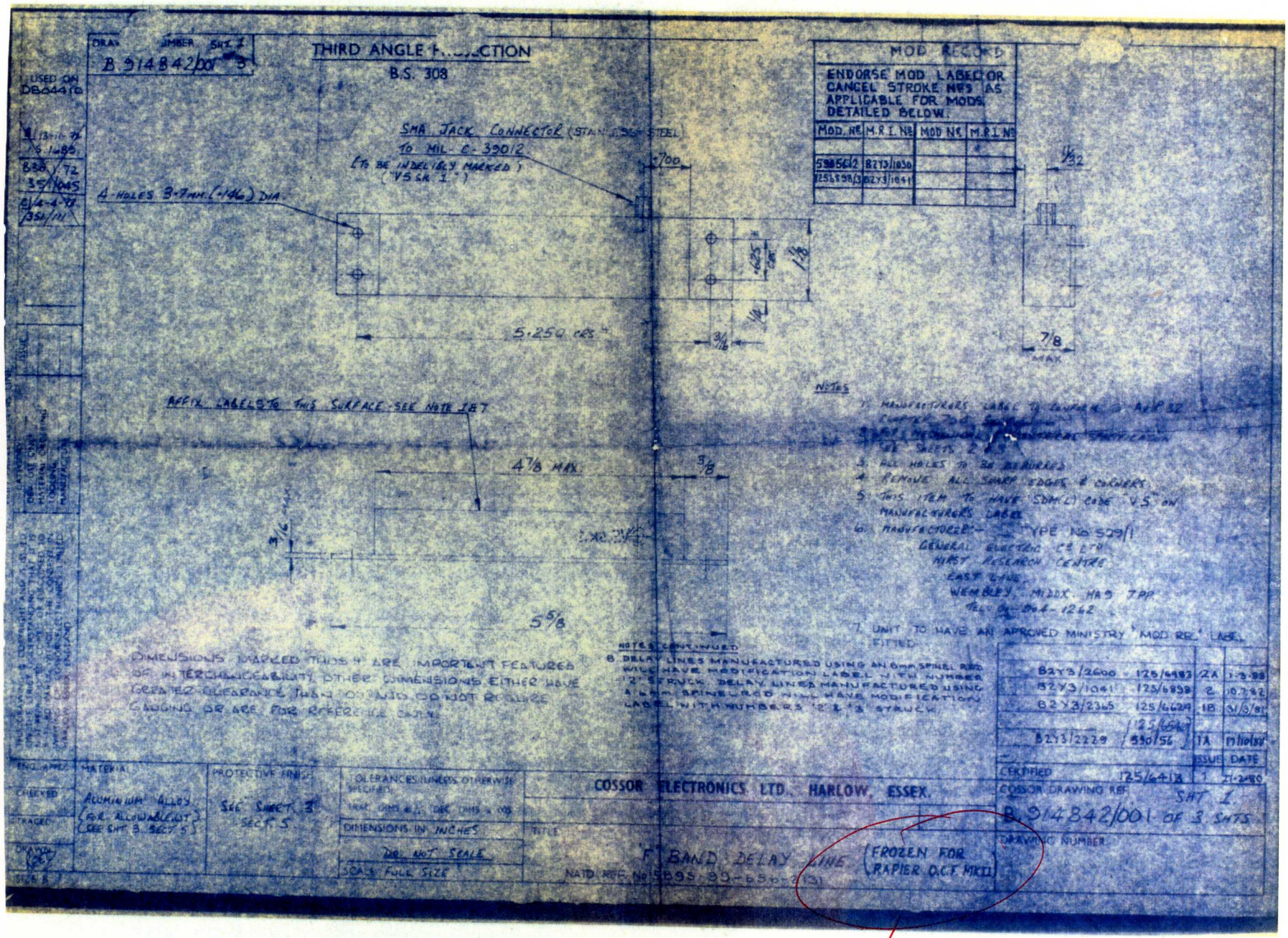
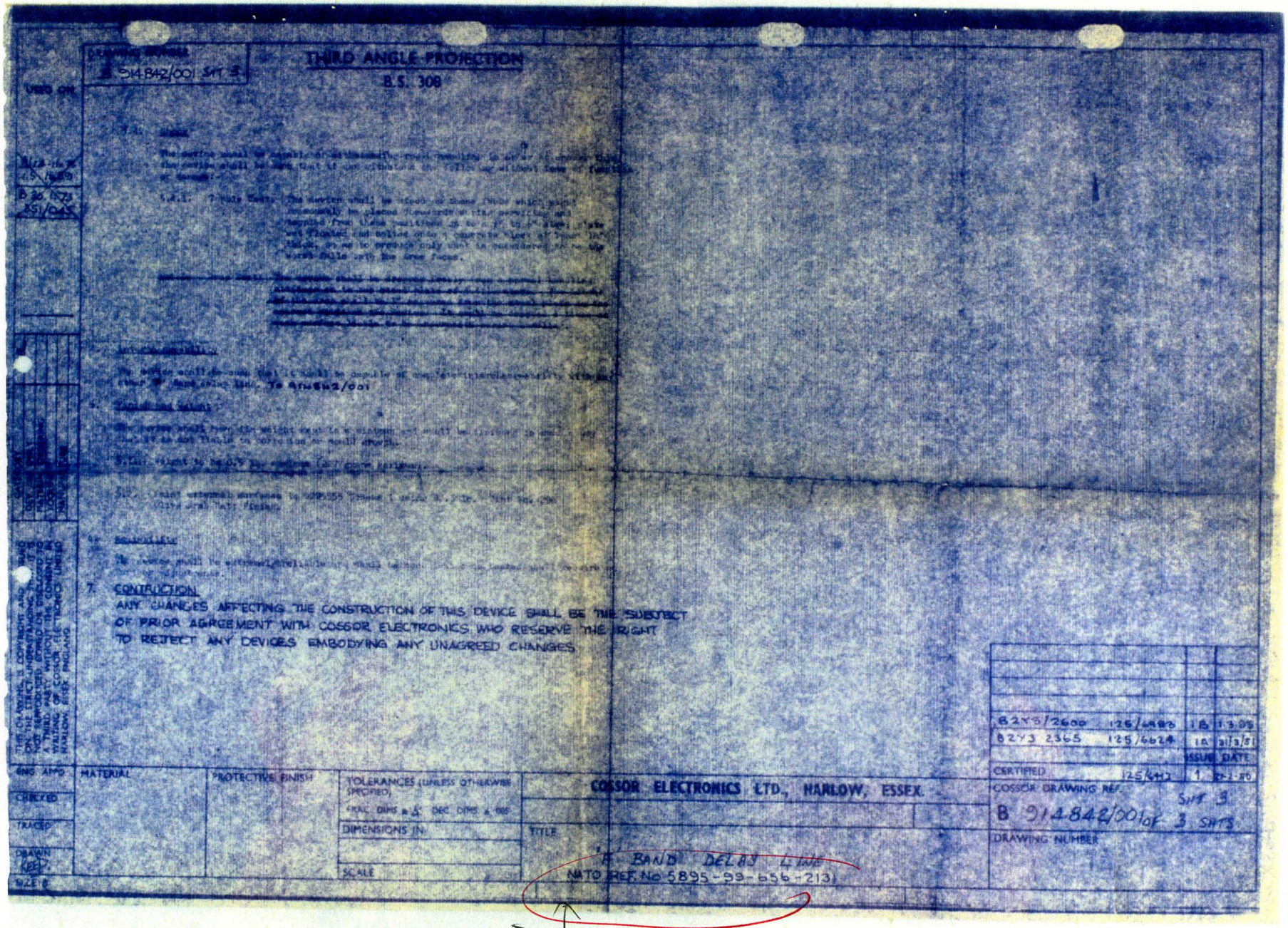

DRAW NUMBER SHT 1
B 314842/00 3
THIRD ANGLE PROJECTION
B.S. 308
USED ON DB00410
SMA JACK CONNECTOR (STAINLESS STEEL) TO MIL-C-39012 (TO BE INDELIBLY MARKED "VSGR 1")
4 HOLES 3·7mm (·146) DIA
5·250 CRS
APPLY LABELS TO THIS SURFACE - SEE NOTE 7
4 7/8 MAX
5 5/8
DIMENSIONS MARKED THUS ◊ ARE IMPORTANT FEATURES OF INTERCHANGEABILITY. OTHER DIMENSIONS EITHER HAVE GREATER CLEARANCE WHICH DO NOT AFFECT INTERCHANGEABILITY OR ARE FOR REFERENCE ONLY
MOD RECORD
ENDORSE MOD LABEL OR CANCEL STROKE NOS AS APPLICABLE FOR MODS DETAILED BELOW
MOD. Nº | M.R.I. Nº | MOD Nº | M.R.I. Nº
5986642 | 8213/1636
2561896/3 | 8213/1041
NOTES
1. MANUFACTURERS LABEL TO CONFORM TO AMP SP COMPANY LOGO
3. ALL HOLES TO BE DEBURRED
4. REMOVE ALL SHARP EDGES & CORNERS
5. THIS ITEM TO HAVE SDM CODE VSGR ON MANUFACTURERS LABEL
6. MANUFACTURER — TYPE NO 5291
GENERAL ELECTRIC CO LTD
MAST RESEARCH CENTRE
EAST LANE
WEMBLEY, MIDDX HA9 7PP
TEL: 01-904 1262
7. UNIT TO HAVE AN APPROVED MINISTRY "MOD RE" LABEL FITTED
NOTES CONTINUED
8. DELAY LINES MANUFACTURED USING AN 8mm SPINEL ROD WILL HAVE MODIFICATION LABEL WITH NUMBER 2 STRUCK. DELAY LINES MANUFACTURED USING A 4mm SPINEL ROD WILL HAVE MODIFICATION LABEL WITH NUMBERS 2 & 3 STRUCK
8213/2600 | 125/6993 | 2A | 1.3.88
8213/1041 | 125/5939 | 2 | 10.7.82
8213/2345 | 125/6624 | 1B | 31/3/81
8213/2229 | 125/6643 530/56 | 1A | 11/10/80
ISSUE DATE
1 21.2.80
CERTIFIED 125/6413
MAT'L
ALUMINIUM ALLOY (FOR ALLOWABILITY SEE SHT 3 SECT 5)
PROTECTIVE FINISH
SEE SHEET 3 SECT 5
TOLERANCES UNLESS OTHERWISE SPECIFIED
DIMENSIONS IN INCHES
DO NOT SCALE
SCALE FULL SIZE
COSSOR ELECTRONICS LTD., HARLOW, ESSEX.
TITLE
F BAND DELAY LINE
NATO NSN 5999-99-656-2131
FROZEN FOR RAPIER O.C.F. MK II
COSSOR DRAWING REF
B 314842/001 OF 3 SHTS
SHT 1
DRAWING NUMBER

A

2678


DRAWING NUMBER SHT 1
B 914842/001 3
THIRD ANGLE PROJECTION
B.S. 308
USED ON DB04410
SMA JACK CONNECTOR (STAINLESS STEEL) TO MIL C-39012 (TO BE INDELIBLY MARKED "VSGR 1")
4 HOLES 3·7mm (·146) DIA
5·250 CRS
AFFIX LABELS TO THIS SURFACE SEE NOTE 7
4⅞ MAX
5⅝
DIMENSIONS MARKED THUS * ARE IMPORTANT FEATURES OF INTERCHANGEABILITY OTHER DIMENSIONS EITHER HAVE GREATER CLEARANCE THAN NORMAL OR NOT TO BE USED FOR GAUGING OR ARE FOR REFERENCE ONLY
MOD RECORD
ENDORSE MOD LABEL OR CANCEL STROKE NOS AS APPLICABLE FOR MODS DETAILED BELOW.
MOD. No. | M.R.I. No. | MOD No. | M.R.I. No.
5985612 | 8213/1030
125&398/3 | 8213/1041
NOTES
1. MANUFACTURERS LABEL TO CONFORM TO AGP 32
2. SEE SHEETS 2 & 3
3. ALL HOLES TO BE DEBURRED
4. REMOVE ALL SHARP EDGES & CORNERS
5. THIS ITEM TO HAVE SDM(L) CODE "VS" ON MANUFACTURERS LABEL
6. MANUFACTURER:- TYPE No S29/1
GENERAL ELECTRIC CO LTD
HIRST RESEARCH CENTRE
EAST LANE
WEMBLEY MIDDX HA9 7PP
TEL 01-904-1262
7. UNIT TO HAVE AN APPROVED MINISTRY 'MOD REC' LABEL FITTED
NOTES CONTINUED
8 DELAY LINES MANUFACTURED USING AN 0mm SPINEL ROD WILL HAVE MODIFICATION LABEL WITH NUMBER '2' STRUCK. DELAY LINES MANUFACTURED USING A 1·5mm SPINEL ROD WILL HAVE MODIFICATION LABEL WITH NUMBERS '2' & '3' STRUCK
B2Y3/2600 | 125/6883 | 2A | 1-3-88
B2Y3/1041 | 125/6859 | 2 | 10-2-82
B2Y3/2365 | 125/4629 | 1B | 11/3/81
B2Y3/2229 | 125/6[illegible] 330/56 | 1A | 11 Nov 80
ISSUE | DATE
CERTIFIED 125/6418 1 21-2-80
MATERIAL: ALUMINIUM ALLOY (FOR ALLOWANCE) (SEE SHT 3 SECT 5)
PROTECTIVE FINISH: SEE SHEET 3 SECT 5
TOLERANCES (UNLESS OTHERWISE SPECIFIED) DIMS .X ± .05 DIMS .XX ± .025
DIMENSIONS IN INCHES
DO NOT SCALE
SCALE FULL SIZE
COSSOR ELECTRONICS LTD. HARLOW, ESSEX.
TITLE
'F' BAND DELAY LINE (FROZEN FOR RAPIER D.C.T. MKII)
NATO REF No 5895-99-650-2131
COSSOR DRAWING REF SHT 1
B 914B42/001 OF 3 SHTS
DRAWING NUMBER

2696
274



DRAWING NUMBER
B 314842/001 SHT 3

THIRD ANGLE PROJECTION
B.S. 308

USED ON

7. CONTRUCTION
ANY CHANGES AFFECTING THE CONSTRUCTION OF THIS DEVICE SHALL BE THE SUBJECT OF PRIOR AGREEMENT WITH COSSOR ELECTRONICS WHO RESERVE THE RIGHT TO REJECT ANY DEVICES EMBODYING ANY UNAGREED CHANGES.

B2Y3/2600	125/4883	1A	13.8.81
B2Y3 2365	125/4624	1A	31/3/81
		ISSUE	DATE
CERTIFIED	125/4413	1	22-1-80

ENG APPD
CHECKED
TRACED
DRAWN
SIZE A

MATERIAL
PROTECTIVE FINISH
TOLERANCES (UNLESS OTHERWISE SPECIFIED)
FRAC. DIMS ± DEC DIMS ± 0.05
DIMENSIONS IN
SCALE

COSSOR ELECTRONICS LTD., HARLOW, ESSEX.

TITLE
X BAND DELAY LINE
NATO REF No 5895-99-656-2131

COSSOR DRAWING REF. SHT 3
B 914842/001 of 3 SHTS
DRAWING NUMBER

269C
228

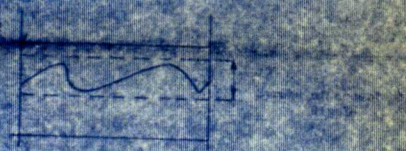
DRAWING NUMBER
B 914842 Sht 2

THIRD ANGLE PROJECTION
B.S. 308

USED ON

> 1 Watt (Mean or Peak)

> 18 : 1



-65dB @ +25°C, -61dB @ -35°C
-70dB @ +25°C, -73dB @ +70°C

THE DEVICE SHALL BE DESIGNED SUCH THAT IT WILL MEET THE ABOVE ELECTRICAL REQUIREMENTS UNDER THE FOLLOWING CONDITIONS:

	125/6913	10
B2Y3/2173	125/5947	10
B2Y3/2172	125/5940	1B
B2Y3/2027, 3S1/1B		1A
		ISSUE
CERTIFIED	125/5264	1

	125/6913	10	[illegible]
B2Y3/2173	125/5947	10	3-1-78
B2Y3/2172	125/5940	1B	12-1-77
B2Y3/2027, 3S1/1B		1A	8/4/75
		ISSUE	DATE
CERTIFIED	125/5264	1	16-1-73

ENG. APPD.	MATERIAL	PROTECTIVE FINISH	TOLERANCES (UNLESS OTHERWISE SPECIFIED) FRAC DIMS ± 1/64" DEC. DIMS ± .005
CHECKED			
TRACED			DIMENSIONS IN
DRAWN			SCALE
SIZE A			

COSSOR ELECTRONICS LTD., HARLOW, ESSEX.

TITLE
F BAND DELAY LINE
NATO STK No 5805-99-626-3071

COSSOR DRAWING REF.
B. 914842 SHT. 2 OF 3 SHTS.

DRAWING NUMBER

269d
27

DRAWING NUMBER B.914842/001 SHEET 3

THIRD ANGLE PROJECTION
B.S. 308

USED ON DB 4410

SMA JACK CONNECTOR (STAINLESS STEEL) TO MIL-C-39012 (TO BE INDELIBLY MARKED "VS Gp. 1")

4-HOLES 3·7mm (·146) DIA

.700

.625 CRS

1/8

5·250 CRS

3/16

1/32

7/8 MAX

AFFIX LABELS TO THIS SURFACE - SEE NOTE 7

4 7/8 MAX

3/8

3/16

5 5/8

DIMENSIONS MARKED THUS ◊ ARE IMPORTANT FEATURES OF INTERCHANGEABILITY. OTHER DIMENSIONS EITHER HAVE GREATER CLEARANCE THAN CRITICAL DIMENSIONS OR ARE FOR REFERENCE ONLY.

MOD RECORD

ENDORSE MOD LABEL OR CANCEL STROKE NOS AS APPLICABLE FOR MODS DETAILED BELOW.

MOD. NO	M.R.I. NO	MOD NO	M.R.I NO
5905G/2	8213/1030		
2516898/3	8213/1041		

NOTES

1. MANUFACTURERS LABEL TO CONFORM TO AGARD STANDARD FOR IDENTIFICATION OF ELECTRONIC EQUIPMENT SEE SHEETS 2 & 3
2. ALL HOLES TO BE DEBURRED
3. REMOVE ALL SHARP EDGES & CORNERS.
4. THIS ITEM TO HAVE SDM(L) CODE "VS" ON MANUFACTURERS LABEL
5. MANUFACTURER:- TYPE No S29/1
   GENERAL ELECTRIC CO LTD
   HIRST RESEARCH CENTRE
   EAST LANE
   WEMBLEY, MIDDX. HA9 7PP.
   TEL 01-904-1262
6. UNIT TO HAVE AN APPROVED MINISTRY 'MOD RR' LABEL FITTED

NOTES CONTINUED

6. DELAY LINES MANUFACTURED USING AN 8mm SPINEL RED WILL HAVE MODIFICATION LABEL WITH NUMBER '2' STRUCK. DELAY LINES MANUFACTURED USING A 4mm SPINEL ROD WILL HAVE MODIFICATION LABEL WITH NUMBERS '1' & '2' STRUCK.

B2Y3/2600	125/4983	2A	1-3-88
B2Y3/1041	125/6838	2	10.2.82
B2Y3/2365	125/6624	1B	31/3/81
B2Y3/2229	125/6644 590/56	1A	11/10/80
		ISSUE	DATE
CERTIFIED 125/6418		1	21.2.80

ENG. AREA
CHECKED
DRAWING OFFICE

MATERIAL: ALUMINIUM ALLOY (CAD ALLOWABLE) (SEE SHT 3 SECT 5)

PROTECTIVE FINISH: SEE SHEET 3 SECT 5

TOLERANCES UNLESS OTHERWISE SPECIFIED: FOR DIMS ◊ SEE SHEET 3 SECT 5

DIMENSIONS IN INCHES. DO NOT SCALE. CAD FULL SIZE

COSSOR ELECTRONICS LTD., HARLOW, ESSEX.

TITLE: F BAND DELAY LINE (FROZEN FOR RAPIER O.C.F MKII)

NATO REF No 5895-99-656-2131

COSSOR DRAWING REF B.914842/001 SHT 1 OF 3 SHTS

DRAWING NUMBER

DRA 2692

DRAWING NUMBER
B.914842 Sht 2

THIRD ANGLE PROJECTION
B.S. 308

USED ON

B.14-1-76
IS.1689
B 30.1.73
851/0-15

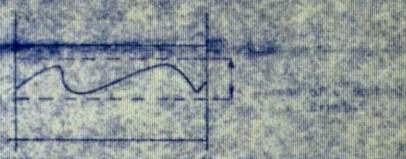
THIS PRINT TO THIS LINE

ISSUE

DEV. USE ONLY
CATEGORY
MATERIAL ORDERING
TOOLING
MANUFACTURE

> 1 Watt (Mean or Peak)

> 18 : 1



-65dB@+25°C, 61dB@-35°C
-70dB@+25°C, 73dB@+70°C.

> [illegible] (Lower Limit Spec.)

-0. [illegible]

THE DEVICE SHALL BE DESIGNED SUCH THAT IT WILL MEET THE ABOVE ELECTRICAL [illegible] UNDER THE FOLLOWING CONDITIONS:

Storage — -40°C to +85°C

[illegible] of up to an altitude of 1,000 ft. above sea level.

[illegible] vibration of up to 0.5" in the range 5 to 15 c/s.

[illegible] with a maximum [illegible] value of 10g in the range 5 to 100 c/s.

[illegible] vibrations shall be applied as a flat spectral density of 0.04 g²/c/s over the range 15 to 2000 c/s for 20 hours.

	125/5943	10	8.2
B2Y3/2173	125/5947	1C	3.1.78
B2Y3/2172	125/5940	1B	2.1.77
B2Y3/2027, 3S2/18		1A	8/4/76
		ISSUE	DATE
CERTIFIED 125/5246		1	26.7.73

ENG APPD.	MATERIAL	PROTECTIVE FINISH	TOLERANCES (UNLESS OTHERWISE SPECIFIED) FRAC. DIMS ± 1/64 DEC. DIMS. ± .005
CHECKED			
TRACED			DIMENSIONS IN
DRAWN			SCALE

SIZE B

COSSOR ELECTRONICS LTD., HARLOW, ESSEX.

TITLE
'F' BAND DELAY LINE
NATO REF. No 5895-99-626-3071

COSSOR DRAWING REF. Sht. 2
B. 914842 OF 3 SHTS.
DRAWING NUMBER

28

2816

DRAWING NUMBER B.914842 SHT. 1 of 3 SHTS

THIRD ANGLE PROJECTION
B.S. 308

MOD RECORD

MOD NO	MOD NO	MOD NO
B273/1001/1		

USED ON D.803072

13-11-72 M.1680
B30 1/72 351/045
C/4-4-72 351/111

SMA JACK CONNECTOR (STAINLESS STEEL) TO MIL-C-39012. (TO BE INDELIBLY MARKED 'VSSK 1.')

4-HOLES 3·7MM (·146) DIA

·700

·625 CRS

1/8

1/8

5·250 CRS

3/16

1/32

7/8 MAX

AFFIX LABELS TO THIS SURFACE - SEE NOTE 7 & 7

4 7/8 MAX.

3/8

3/16 MAX

1·XX 2·YY

5 5/8

NOTES

1. MANUFACTURERS LABEL TO CONFORM TO AV.P.82 CHAPTER 704 SECTION 6.
2. FOR MECHANICAL & ELECTRICAL SPECIFICATION SEE SHEETS 2 & 3.
3. ALL HOLES TO BE DEBURRED.
4. REMOVE ALL SHARP EDGES & CORNERS.
5. THIS ITEM TO HAVE SERIAL CODE "VS" ON MANUFACTURERS LABEL.
6. MANUFACTURER:- TYPE No 823/ OR 520/6
   GENERAL ELECTRIC Co LTD.
   HIRST RESEARCH CENTRE
   EAST LANE,
   WEMBLEY, MIDDX. HA9 7PP.
   TEL: 01-904-1262
7. UNIT TO HAVE AN APPROVED MINISTRY 'MOD REC' LABEL FITTED

DIMENSIONS MARKED THUS + ARE IMPORTANT FEATURES OF INTERCHANGEABILITY OTHER DIMENSIONS EITHER HAVE GREATER CLEARANCE THAN 01 AND DO NOT REQUIRE GAUGING OR ARE FOR REFERENCE ONLY

ISSUE	DATE
125/6933	24
352/54 B2V3/1001	2
352/16 B2V3/2027	1A
3F.2/14 B2V3/2015	1
CERTIFIED 125/5266	1

ENG. APPD.
CHECKED
TRACED
DRAWN
SIZE A

MATERIAL: ALUMINIUM ALLOY. (FOR ALLOWABLES SEE SHT 3. SECT 5)

PROTECTIVE FINISH: SEE SHEET 3. SECT. 5.

TOLERANCES (UNLESS OTHERWISE SPECIFIED)
FRAC DIMS ± 1/64" DEC. DIMS ± ·005
DIMENSIONS IN INCHES
DO NOT SCALE
SCALE FULL SIZE

COSSOR ELECTRONICS LTD., HARLOW, ESSEX.

TITLE: 'F' BAND DELAY LINE
NATO REF No 5895-99-626-3071

COSSOR DRAWING REF: B.914842 SHT 1 OF 3 SHTS
DRAWING NUMBER

THIS PART TO THIS LINE
ISSUE
CATEGORY
DEV. USE ONLY
MATERIAL ORDERING
TOOLING
MANUFACTURE

282
2679

DRAWING NUMBER
B.314842/001 SHT 3.

THIRD ANGLE PROJECTION
B.S. 308

USED ON

7. CONSTRUCTION.
ANY CHANGES AFFECTING THE CONSTRUCTION OF THIS DEVICE SHALL BE THE SUBJECT OF PRIOR AGREEMENT WITH COSSOR ELECTRONICS WHO RESERVE THE RIGHT TO REJECT ANY DEVICES EMBODYING ANY UNAGREED CHANGES.

8243/2600	125/6482	1B 13.9.68
8243 2365	125/6624	1A 9/3/61
		ISSUE DATE
CERTIFIED	125/6412	1 27-3-70

ENG APPD
CHECKED
TRACED
DRAWN
SIZE A

MATERIAL | PROTECTIVE FINISH | TOLERANCES (UNLESS OTHERWISE SPECIFIED) | DIMENSIONS IN | SCALE

COSSOR ELECTRONICS LTD., HARLOW, ESSEX.

TITLE
'F' BAND DELAY LINE
NATO REF. No 5895-99-656-2131

COSSOR DRAWING REF.
B 314842/001 SHT 3 OF 3 SHTS.

DRAWING NUMBER

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283

2691

DRAWING NUMBER
B 314842/001 SHT 3

USED ON

THIRD ANGLE PROJECTION
B.S. 308

1. [illegible]

[illegible]

1.1. Finish Tests. The device shall be visually free from paint [illegible] assembly be placed [illegible] and supplied from three positions up to a 3" by 3" sheet of the part finished and edition grade [illegible] thickness as not to provide any test to penetration of the work piece into the [illegible] finish.

[illegible]

2. [illegible]

The device shall [illegible] shall be capable of [illegible] other [illegible] Ref. No. To 314842/001

3. [illegible]

The device shall [illegible] shall be capable of [illegible] other [illegible]

3.1. [illegible] to B.S.9 [illegible]

4. [illegible] [illegible] Ref. No. [illegible]

5. [illegible]

The device shall be [illegible] shall be capable of [illegible]

6. CONTRUCTION.
ANY CHANGES AFFECTING THE CONSTRUCTION OF THIS DEVICE SHALL BE THE SUBJECT OF PRIOR AGREEMENT WITH COSSOR ELECTRONICS WHO RESERVE THE RIGHT TO REJECT ANY DEVICES EMBODYING ANY UNAGREED CHANGES.

8243/2600	125/6493	1A	13.05
8243 2365	125/6624	1A	21/3/51
		ISSUE	DATE
CERTIFIED	125/6412	1	21-2-80

ENG. APPD.
CHECKED
TRACED
DRAWN REED
SIZE A

MATERIAL

PROTECTIVE FINISH

TOLERANCES (UNLESS OTHERWISE SPECIFIED)
FRAC. DIMS ± 1/64 DEC. DIMS ± .005

DIMENSIONS IN

SCALE

COSSOR ELECTRONICS LTD., HARLOW, ESSEX

TITLE
'A' BAND DELAY LINE
NATO REF No 5895-99-656-2131

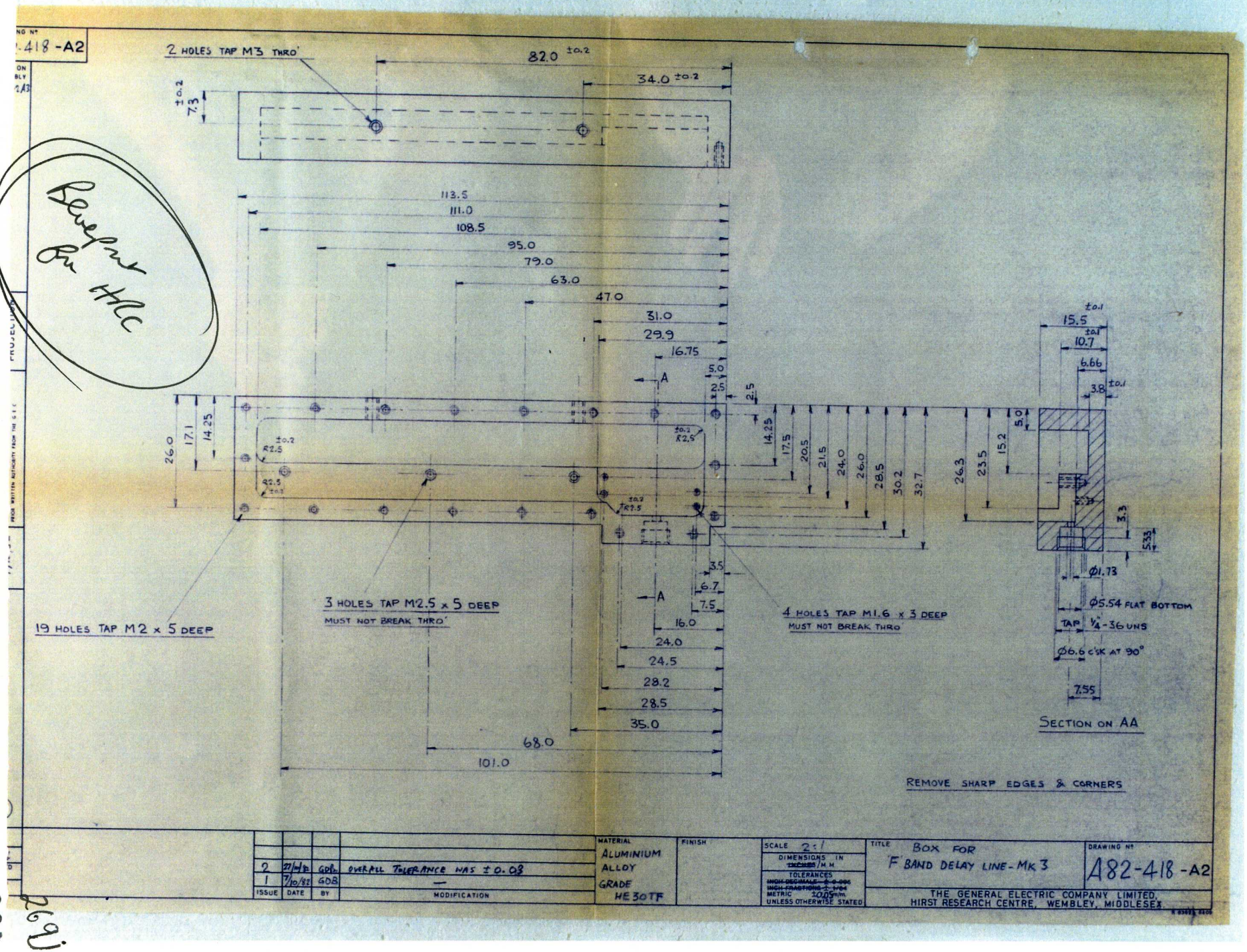
COSSOR DRAWING REF. SHT 9
B 314842/001 of 3 SHTS

DRAWING NUMBER

COSSOR ELECTRONICS LTD. HARLOW ESSEX ENGLAND

2691

284



Drawing for HLC

A82-418-A2

269j

285