

TOP COVER  
MSS5306-1

MOUNT ITEMS 1, 2  
IN 1/4" HOLES

BOTTOM  
COVER  
MSS5306-2

FASTENER  
MTG. DETAIL

ITEMS 1 & 2  
REVERSED

ZONE	LTR	DESCRIPTION	DATE	E.M.N. NO	DRAFT	CHKD	APPD
X	X	EXP. RELEASE	9-19-67	JL			
X1	X1	CHART & PERFORATIONS ADDED	2/2/68	X1	SD		
X2	X2	COMPLETELY REV.	4/4/68	X2	MS.		
Ø	Ø	ORIG. RELEASE FOR PROD.	11/7/68	Ø	R.G.		
A	A	REVISED & UPDATED	5-13-69	19418	GE		
B	B	DIM. 3/8 WAS 1/16 5/8 WAS 1/16	11/13/69	19653	K44		
C	C	ADD ITS. 3, 4, 5, 6	10/5/80	20019	GE		

NOTE \*  
ON APPROX. DIMENSIONS USE  
CLOSEST PERFORATED HOLE FOR  
MOUNTING OF ITEMS ③ ④ ⑤  
AND ⑥.

REQ'D ITEM	PART NUMBER	DESCRIPTION	SYM.
1	EY100-1	EYELET FLAT FLANGE	ØLV
2	EY100-5	EYELET FLAT FLANGE	ØLV
1	FC-102-1KKV	CLIP, FUSE	ØLV
2	CU-183-5	CLIP, HEAT SINK	ØLV
14	FS109-3	RING, RETAINING	
14	FS110-1	STUD, TURN LOCK	

LIST OF MATERIAL SK 3252-003-17  
THE TECHNICAL MATERIEL CORP.  
MAMARONECK, NEW YORK

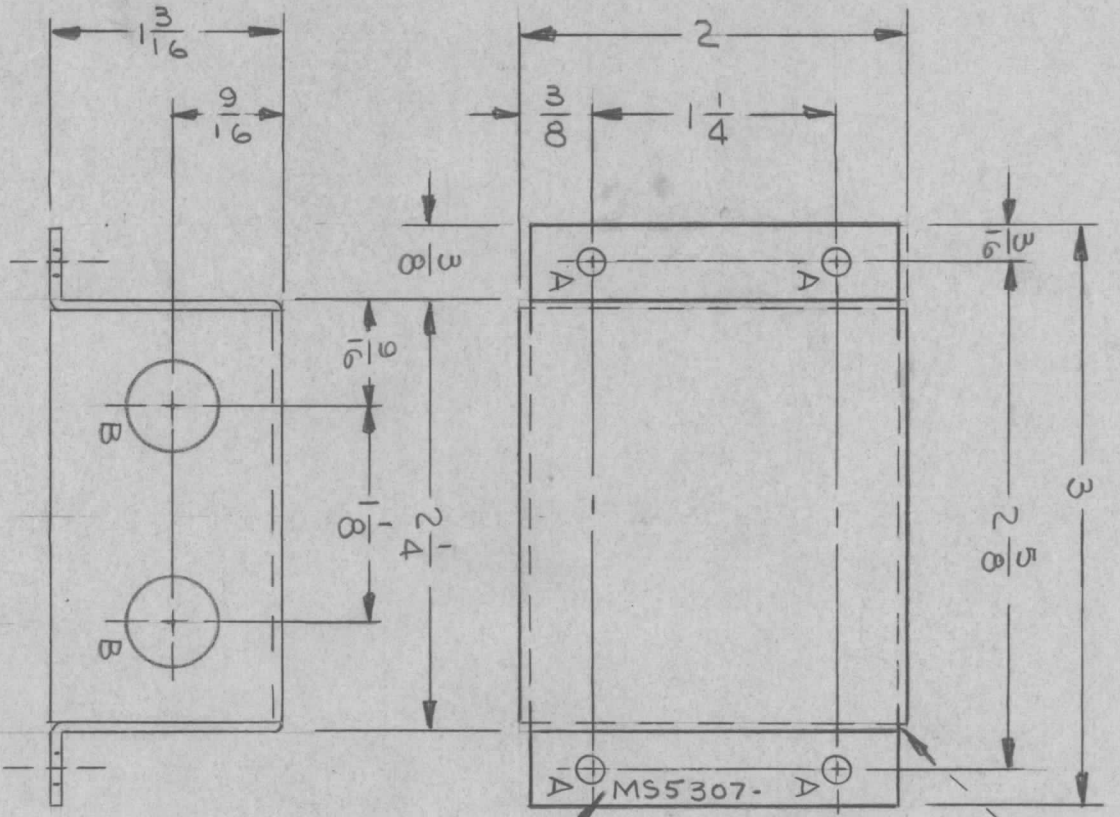
COVERS  
TOP & BOTTOM

DATE	11/7/68	DATE	2/2/68	DATE	9/19/67
MECH. DES.	M. ZETENA	CHECKED	SG	DRAWN	JL
FINISH	S404	FINISH	YELLOW BRIDITE	SCALE	N75
SIZE	B	CODE IDENT. NO.	82679	DWG NO.	MSS5306
SHEET	OF	ISSUE			

QTY / UNIT	2	MODEL USED ON	HFRR-4	ASSY. NO.	
APPLICATION	A	CODE	S401-451		

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MATERIAL: 05 PERFORATED  
ALUMINUM 5052 H32



TIGHT SEAMS  
4-PLTS

MARK TMC P/N & HIGH  
GOTHIC W/LATEST REV.  
LETTER

HOLE	DESCRIPTION	REQ
A	9/64 DIA.	4
B	1/2 DIA.	2

- UNLESS OTHERWISE SPECIFIED:
1. USE MATERIAL THICKNESS FOR MAXIMUM RADIUS ON ALL BENDS
  2. ALL ANGULAR BENDS 90 DEGREES
  3. REMOVE ALL BURRS AND SHARP EDGES

1	MSAR-4	
1	HFRR-4	
QTY / UNIT		ASS'Y NO.
MODEL USED ON		
APPLICATION		
CODE		S401-451

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES	
DECIMALS	FRACTIONS
.X ± .05	1/64
.XX ± .01	ANGLES
.XXX ± .005	0° - 30°
MATERIAL	
.051 THK ALUMINIUM	
5052-H32	
FINISH S404	
YELLOW IRIDITE	

REQ'D ITEM	PART NUMBER	DESCRIPTION	SYM.
	HOGAN (ZETENA)	LIST OF MATERIAL SK 3252-003-9	
FINAL APPROVAL		DATE	
MECH. DES. M. ZETENA		11/9/68	
ELECT. DES.		DATE	
CHECKED SG		4/25/67	
DRAWN JL		DATE 4-24-67	
SIZE		CODE IDENT. NO.	DWG. NO.
B		82679	MS5307
SCALE 1:1		SHEET	OF
MTG, BRACKET-AC FILTER		ISSUE	
THE TECHNICAL MATERIEL CORP.		MAMARONECK, NEW YORK	

REVISIONS

NO.	DATE	BY	DESCRIPTION
1	11-9-68	M. ZETENA	FOR PROD.

EXS. BELEVESE

DESCRIPTION

DATE

EM. INO.

DRILL

CHKD

VRPD

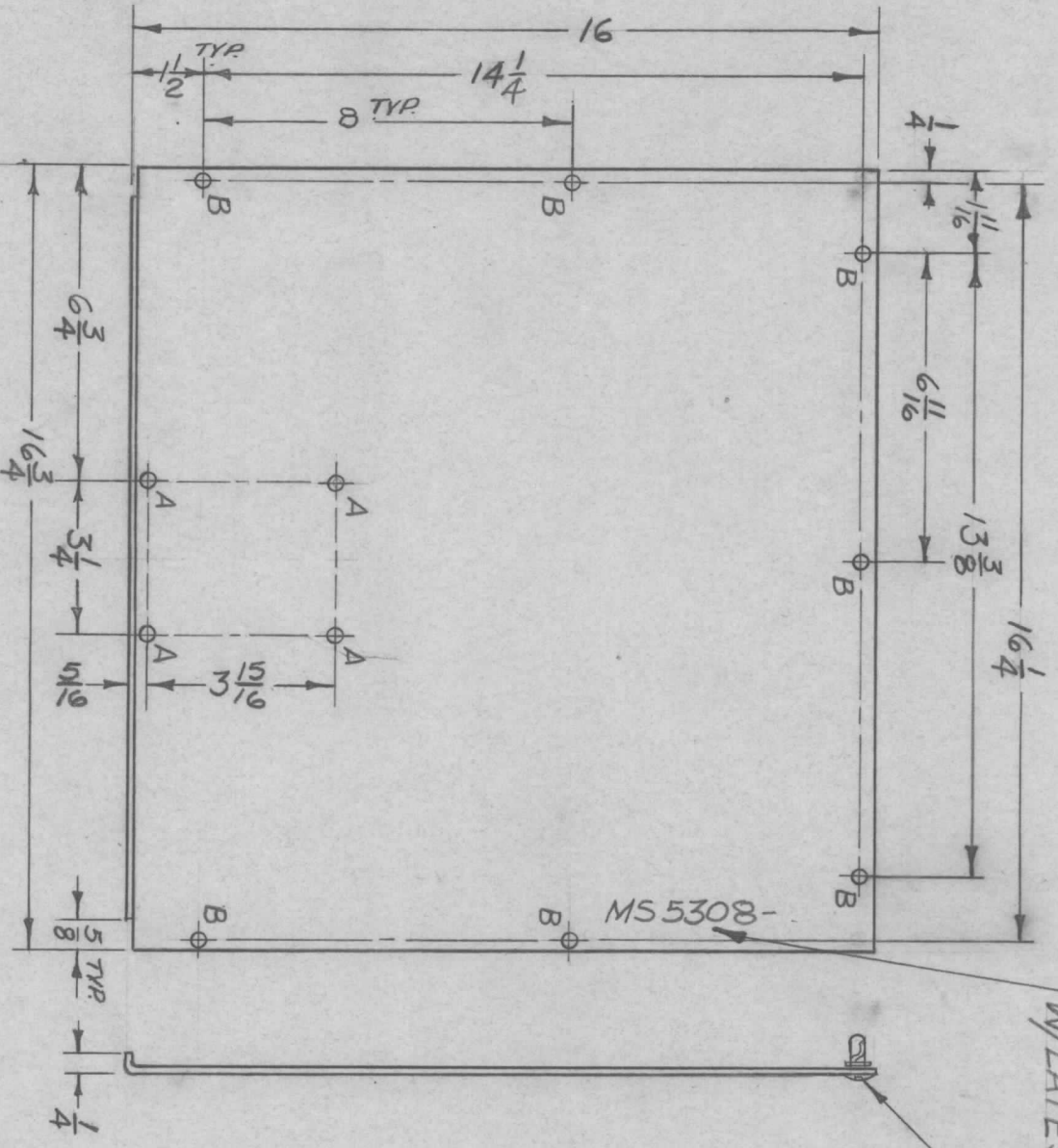
B.G.

D

REVISIONS						
ZONE	LTR	DESCRIPTION	DATE	E.M.N. NO	DRAFT	CHKD APPD
X		EXP. RELEASE	1-8-68	-4-	<i>SG</i>	<i>SG</i>
Ø		ORIG. RELEASE	12-4-68			<i>SG</i>

MARK TMC P/N, 1/8 HIGH GOTHIC  
W/LATEST REV. LETTER.

①② TO BE MOUNTED &  
SUPPLIED BY TMC.  
AFTER FINISHING



HOLE	DESCRIPTION	REQ.
A	9/64 DIA.	4
B	1/4 DIA.	7

REQ'D ITEM	PART NUMBER	DESCRIPTION	SYM.
7 2	FS 110-1	STUD, TURNLOCK	B
7 1	FS 109-3	RING, RETAINING	B

F. EATON  
 LIST OF MATERIAL SK 3253-002-5  
 THE TECHNICAL MATERIEL CORP.  
 MAMARONECK, NEW YORK

COVER TOP & BOTTOM

QTY / UNIT	2	MODEL USED ON	RT1H-3	ASS'Y NO.	
APPLICATION		CODE	A	ST401-451	

DECIMALS	FRACTIONS
.X ± .05	1/64
.XX ± .01	ANGLES
.XXX ± .005	90°-30'
MATERIAL	5052 ALUMINUM
FINISH	5404 YELLOW IRIDIUM

FINAL APPROVAL	DATE
<i>[Signature]</i>	12/3/68
MECH. DES.	DATE
<i>[Signature]</i>	1-8-68
ELECT. DES.	DATE
<i>[Signature]</i>	1-8-68
CHECKED	DATE
<i>[Signature]</i>	1-8-68
DRAWN	DATE
<i>[Signature]</i>	1-8-68

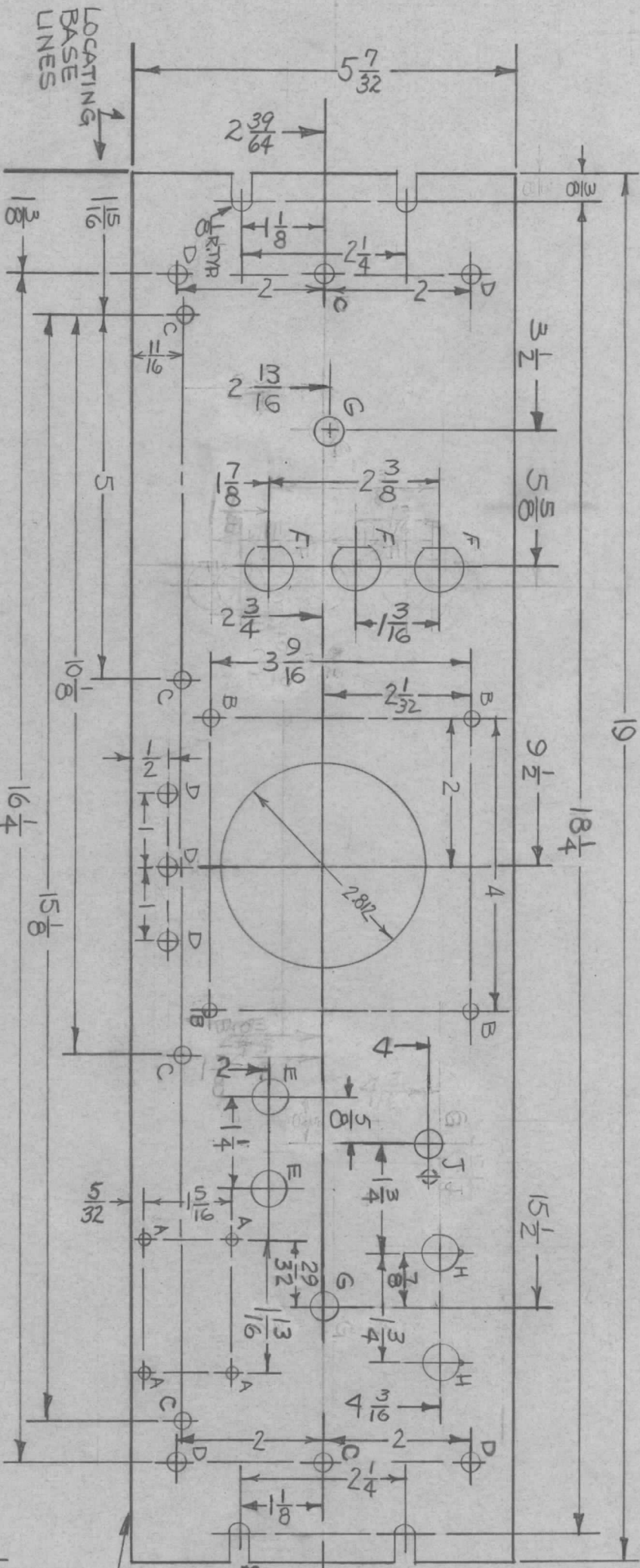
SIZE	CODE IDENT. NO.	DWG NO.	ISSUE
B	82679	MS 5308	Ø
SCALE	1/4	SHEET	OF

UNLESS OTHERWISE SPECIFIED:

1. USE MATERIAL THICKNESS FOR MAXIMUM RADIUS ON ALL BENDS
2. ALL ANGULAR BENDS 90 DEGREES
3. REMOVE ALL BURRS AND SHARP EDGES

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REVISIONS							
ZONE	LTR	DESCRIPTION	DATE	E.M.N. NO	DRAFT	CHKD	APPD
	X1	ADD 'J' HOLE	1-5-68		AP		
	X2	2" C' HOLES WERE 'D' HOLES	1-30-68		AP		
	X3	ONE 'G' HOLE RELOCATED	4-22-68		G.D.L.		
		ORIGINAL RELEASE FOR PRODUCTION	5-7-68				



HOLE	DESCRIPTION	REQ
A	.076 DIA.	4
B	11/64 DIA.	4
C	13/64 DIA.	6
D	15/64 DIA.	7
E	1/2 DIA.	2
F	SEE DETAIL	3
G	3/8 DIA.	2
H	SEE DETAIL	2
J	SEE DETAIL	1

MARK TMC P/M (MS5310) 1/8 HIGH  
GOTHIC W/LATEST REV. LETTER  
ON REAR.

- FINISH NOTES:**
- S404 ~ YEL. IRIDITE
  - S114 ~ ZINC CHROMATE PRIMER
  - S115 ~ SMOOTH GRAY ENAMEL
  - PRIME AND PAINT FRONT AND EDGES ONLY.

- MACHINING:**
- MILL ALL EDGES.
  - HOLES MUST BE DRILLED, UNLESS OTHERWISE SPECIFIED.
  - LATERAL BOW OF PANEL MUST BE KEPT TO .031 TOLERANCE.
  - PANEL MUST BE FREE OF ALL MACHINING MARKS, GOUGES AND SCRATCHES. IF NECESSARY, SAND FRONT OF PANEL WITH NO. 120 GRIT SANDPAPER.

QTY / UNIT	1	MODEL USED ON	SWCD-3K	ASS'Y NO.	
APPLICATION		CODE	A	S401-451	

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DECIMALS	FRACTIONS	TOLS.	ANGLES
.X ± .05	1/64		0° - 30'
.XX ± .01			
.XXX ± .005			
MATERIAL: 3/16 THK. ALUMINUM			
FINISH: 2024-T3			
SEE NOTES			

**BUDGETTI**

REQ'D ITEM	PART NUMBER	DATE
MECH. DES.	A. PETROCCA	12-5-67
ELECT. DES.		5-7-68
CHECKED		5-7-68
DRAWN	A. PETROCCA	12-5-67

**LIST OF MATERIAL**

DESCRIPTION	SYM.
THE TECHNICAL MATERIEL CORP.	
MAMARONECK, NEW YORK	
PANEL, FRONT	

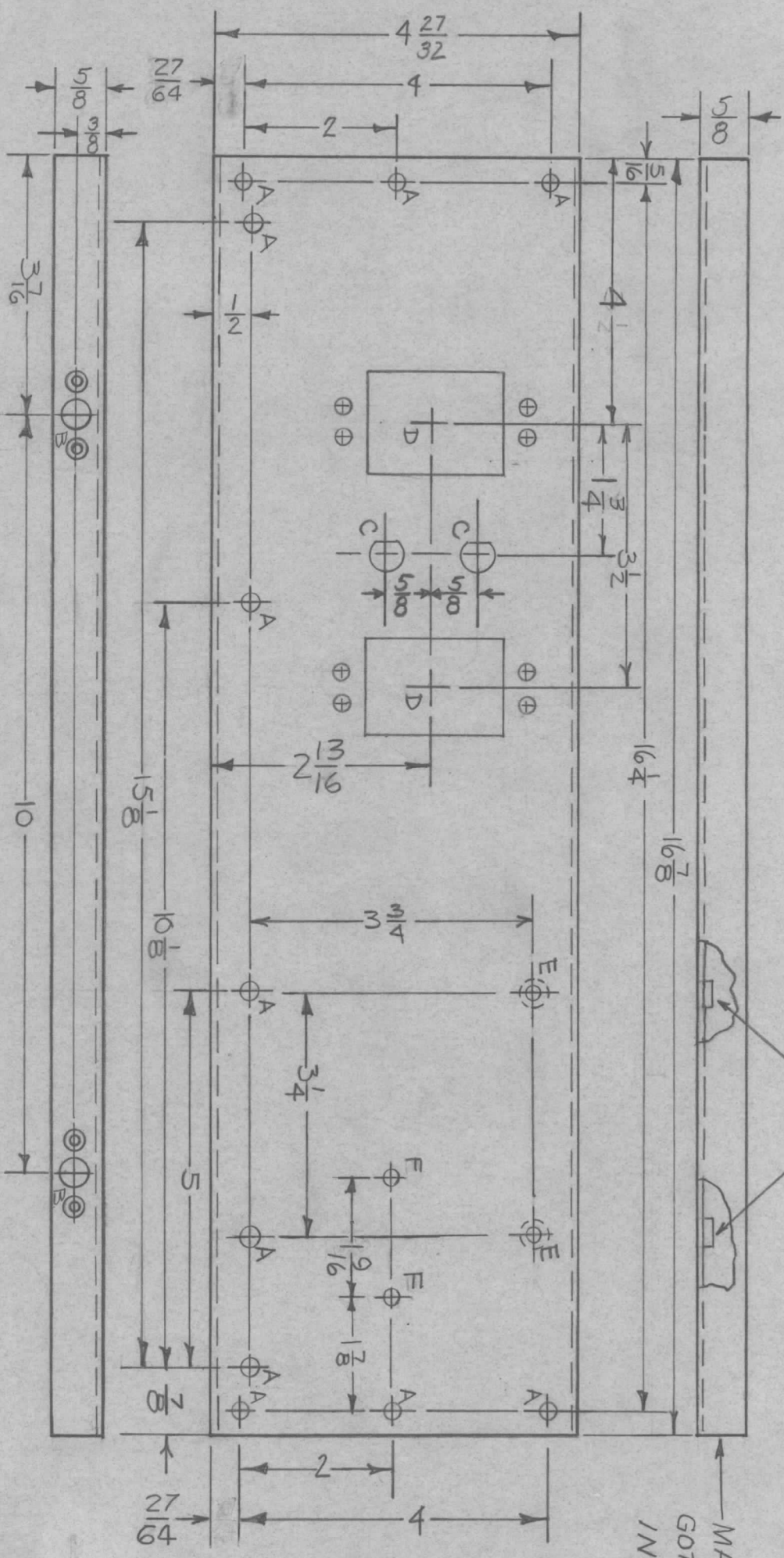
SIZE	CODE IDENT. NO.	DWG NO.	ISSUE
B	82679	MS5310	Ø
SCALE	BONOT SCALE	SHEET	OF

ZONE	LTR	DESCRIPTION	DATE	E.M.N. NO	DRAFT	CHKD	APPD
X	X	EXP. RELEASE	12/19/67		A.P.		
X1	X1	ADDED ITEM 2 & 3	5.6.68	X1	W.B.		
Ø	Ø	ORIGINAL RELEASE FOR PRODUCTION	5.1.68	Ø	W.B.		

REVISIONS

MOUNT ITEM 1 IN "E" HOLES AS SHOWN

MARK TMC P/M (MSS311) 1/8" HIGH  
GOTHIC W/LATEST REV. LETTER  
INSIDE



HOLE	DESCRIPTION	REQ
A	13/64 D.I.A.	11
B	SEE DETAIL	2
C	SEE DETAIL	2
D	SEE DETAIL	2
E	.221-.224 D.I.A.	2
F	1/8 D.I.A.	2

REQ'D ITEM	PART NUMBER	DESCRIPTION	SYM.
4	R1100-094-32	RIVET, BLIND	B
2	FS102-2	LOCKSPRING	B
2	NT129-832-4	NUT, PLAIN, SPLINE TYPE	E

THE TECHNICAL MATERIEL CORP.  
MAMARONECK, NEW YORK

PLATE, REAR

SIZE	CODE IDENT. NO.	DWG. NO.	ISSUE
B	82679	MSS5311	Ø
SCALE	DO NOT SCALE	SHEET	OF

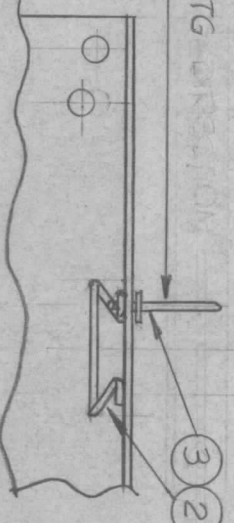
REF: LD2287

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES

DECIMALS	FRACTIONS
.X ± .05	1/64
.XX ± .01	ANGLES 90° .30'
.XXX ± .005	

MATERIAL: .063 ALUMINUM 5052-H32  
FINISH: S404-YEL. IRIDITE

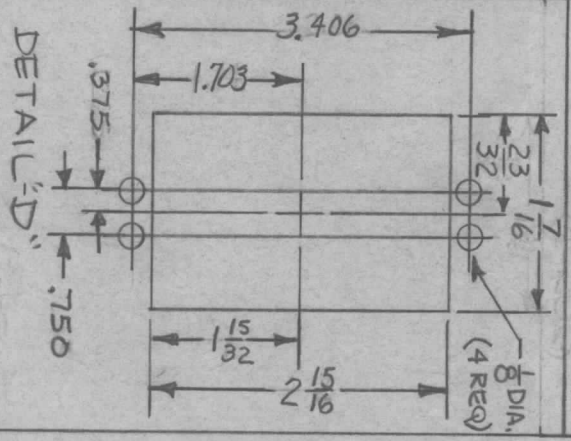
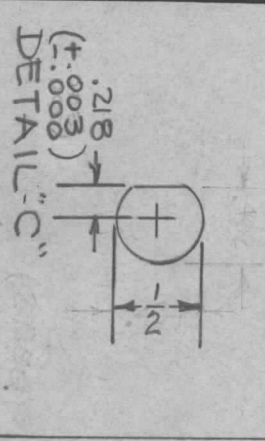
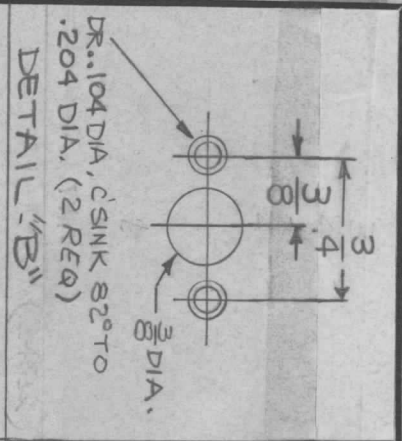
QTY / UNIT	MODEL USED ON	ASS'Y. NO.
1	SWCD-3K	
APPLICATION		
CODE	S401-451	



STUD SHOWN FOR MFG DIRECTION ONLY

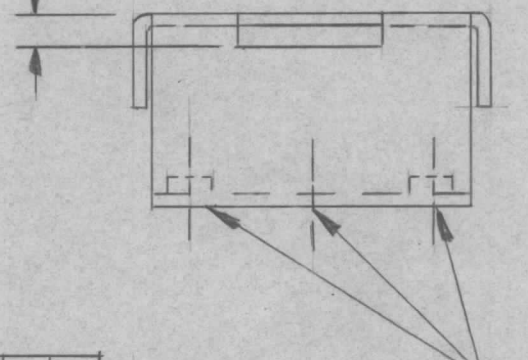
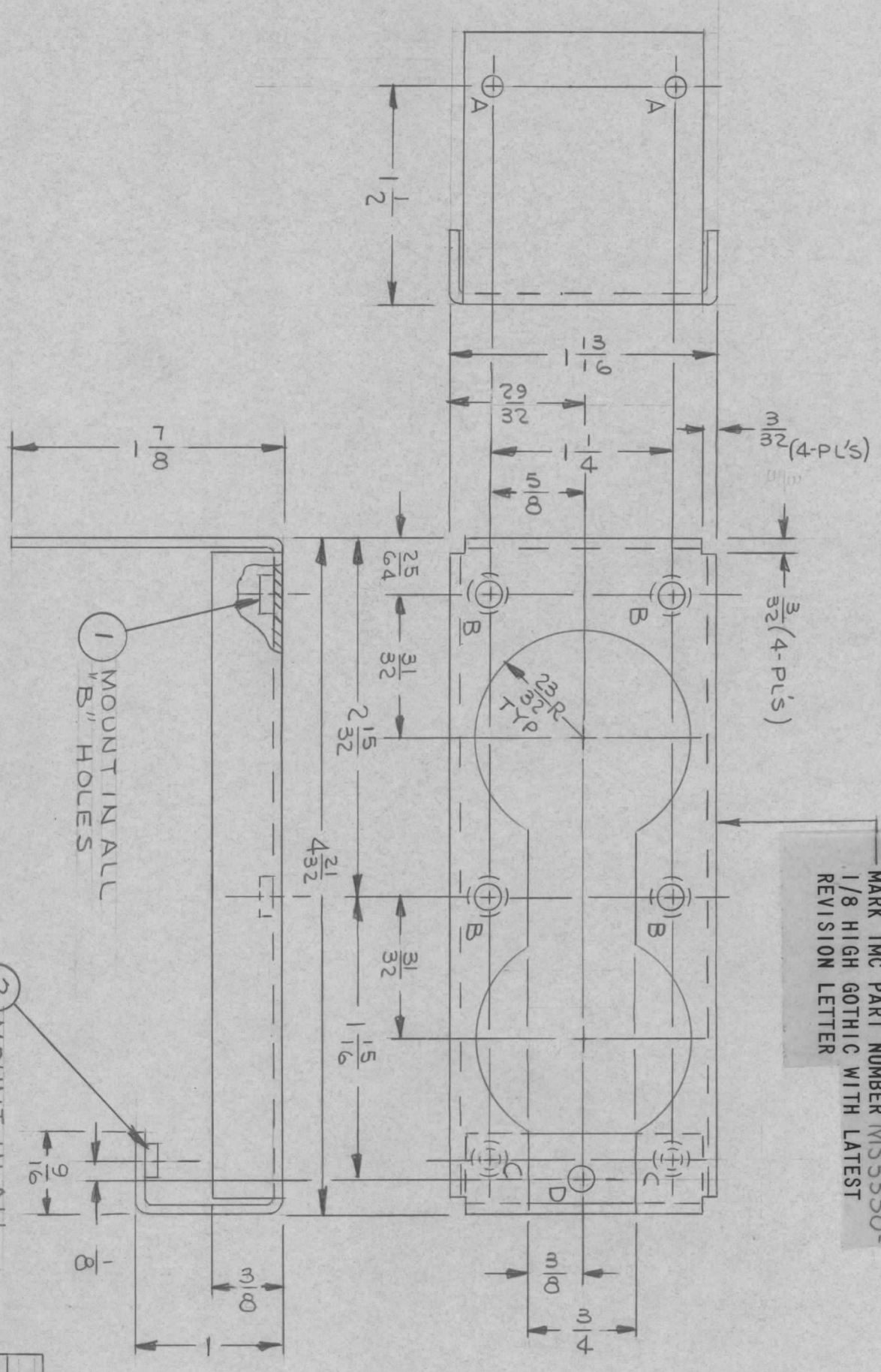
UNLESS OTHERWISE SPECIFIED:

1. USE MATERIAL THICKNESS FOR MAXIMUM RADIUS ON ALL BENDS.
2. ALL ANGULAR BENDS 90 DEGREES.
3. REMOVE ALL BURRS & SHARP EDGES.
4. MOUNT INSERTS AFTER FINISHING.



REVISIONS							
ZONE	LTR	DESCRIPTION	DATE	E.M.N.NO	DRAFT	CHKD	APPD
	X	EXP. RELEASE	7/24/67		JL		
	Ø	ORIG. RELEASE FOR PROD	11-7-68	Ø	R.G.		
	A	REF. LD2326 DELE.	1/7/69		ZHA		

MARK TMC PART NUMBER MS5330-  
1/8 HIGH GOTHIC WITH LATEST  
REVISION LETTER



LOCATION OF  
"C" & "D" HOLES

HOLE	DESCRIPTION	REQ
A	9/64 DIA	2
B	.191-.194 DIA	4
C	.161-.164 DIA	2
D	11/64 DIA	1

REQ'D ITEM	PART NUMBER	DESCRIPTION	SYM.
2	NT129-440-4	NUT, PLAIN, SPLINE	C
4	NT129-632-4	NUT, PLAIN, SPLINE	B

LIST OF MATERIAL

**THE TECHNICAL MATERIEL CORP.**  
MAMARONECK, NEW YORK  
**BRACKET, SUPPORT-LEDEX**  
**DUAL**

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES	DECIMALS X ± .05 XX ± .01 .XXX ± .005	FRACTIONS 1/64 TOLS. ANGLES 0°-30'
--	--	--

QTY / UNIT	MSAR-4	MODEL USED ON	ASS'Y NO.
APPLICATION			
CODE			

FINISH  
YELLOW IRIDIOTE  
5404

DATE 11-6-68  
CHECKED DATE 7/27/68  
DRAWN DATE 7/26/67

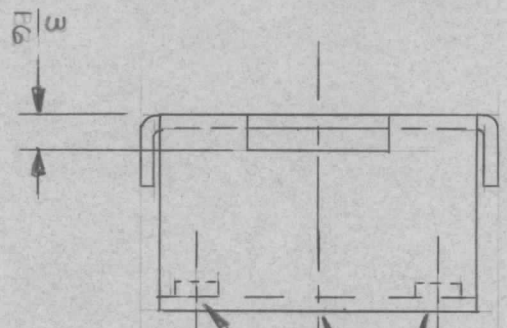
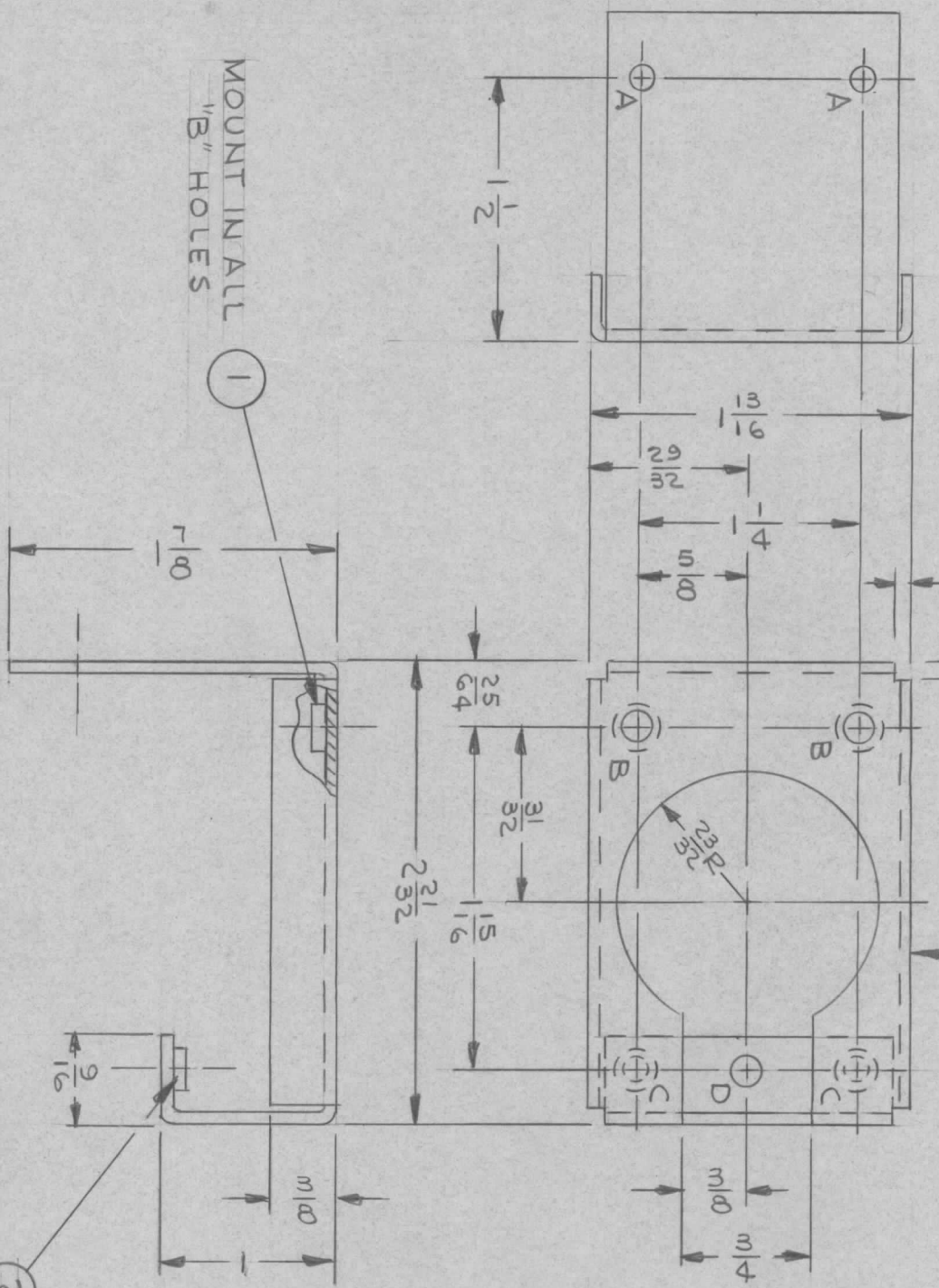
SIZE CODE IDENT. NO. DWG NO. ISSUE  
**B 82679 MS5330 A**

SCALE SHEET OF

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REVISIONS							
ZONE	LTR	DESCRIPTION	DATE	E.M.N.NO	DRAFT	CHKD	APPD
X		EXP. RELEASE	7/27/67		JL		
<del>B</del>		ORIG. RELEASE FOR PROD	11-7-68		R.G.		
A		REF. LD 2327 DELE.	1/7/69		K.H.		

MARK TMC PART NUMBER MSS331-1/8 HIGH GOTHIC WITH LATEST REVISION LETTER



LOCATION OF "C" & "D" HOLES

HOLE	DESCRIPTION	REQ.
A	9/64 DIA	2
B	.191-.194 DIA	2
C	.161-.164 DIA	2
D	11/64 DIA	1

2 MOUNT IN ALL "C" HOLES

1 MOUNT IN ALL "B" HOLES

REQ'D ITEM	PART NUMBER	DESCRIPTION	SYM.
2	NT129-440-4	NUT, PLAIN, SPLINE	C
2	NT129-632-4	NUT, PLAIN, SPLINE	B

LIST OF MATERIAL

THE TECHNICAL MATERIEL CORP.  
MAMARONECK, NEW YORK

BRACKET, SUPPORT - LEDEX  
SINGLE

QTY / UNIT	3	MODEL USED ON	MSAR-4	ASS'Y NO.	
APPLICATION					
CODE					

DECIMALS	FRACTIONS
.X ± .05	1/64
.XX ± .01	ANGLES
.XXX ± .005	0° - 30'
MATERIAL	
063 THK ALUMINUM	
5052 - H32	
FINISH	
YELLOW IRIDITE	
S404	

DATE	DATE	DATE
11-6-68	7/28/68	7/27/67
MECH. DES.	CHECKED	DRAWN
	SG	JL
ELECT. DES.		
SK3252-005-19		

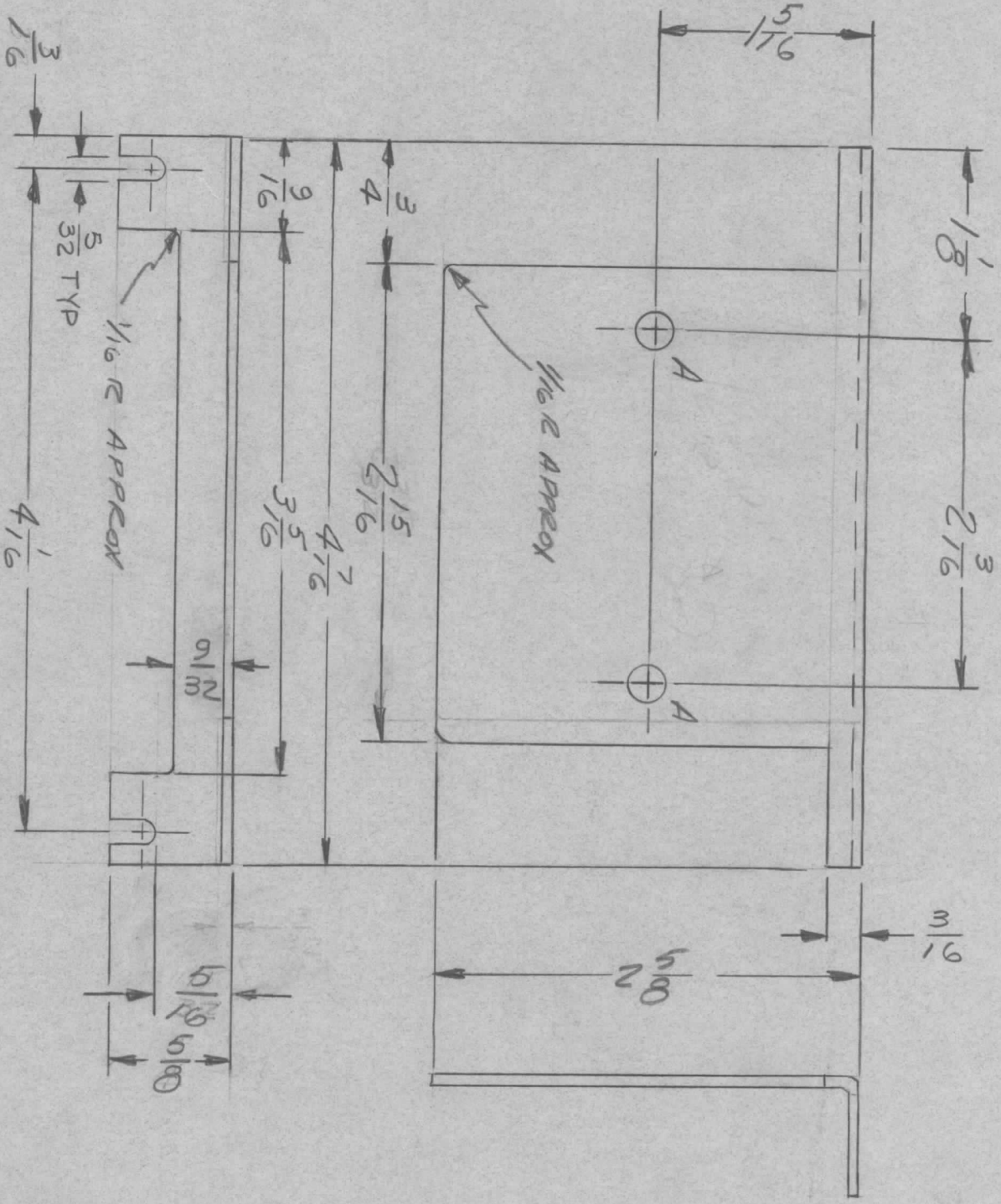
SIZE	CODE IDENT. NO.	DWG NO.	ISSUE
B	82679	MSS331	A
SCALE			
SHEET			
OF			

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REVISIONS						
ZONE	LTR	DESCRIPTION	DATE	E.M.N. NO	DRAFT	CHKD
	$\emptyset$	ORIG. RELEASE FOR PROD	11-7-68	$\emptyset$		

APPD *[Signature]*

HOLE LEGEND  
 HOLE DESCRIPTION REQ  
 A 3/16 DIA 2



QTY / UNIT	MSAE 2	
MODEL USED ON	APPLICATION	
ASS'Y NO.	CODE	

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UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES		
DECIMALS	FRACTIONS	TOLS.
.X ± .05	1/64	ANGLES 0° - 30°
.XX ± .01		
.XXX ± .005		

MATERIAL 063THK ALUM  
 5052-H32  
 FINISH YEL REIDITE  
 5402

REQ'D ITEM	PART NUMBER	DATE
		11/1/68

MECH. DES.	DATE
<i>[Signature]</i>	11-6-68
ELECT. DES.	DATE
CHECKED	DATE
EG	1/4/68
DRAWN	DATE
JL	12/1/67

LIST OF MATERIAL

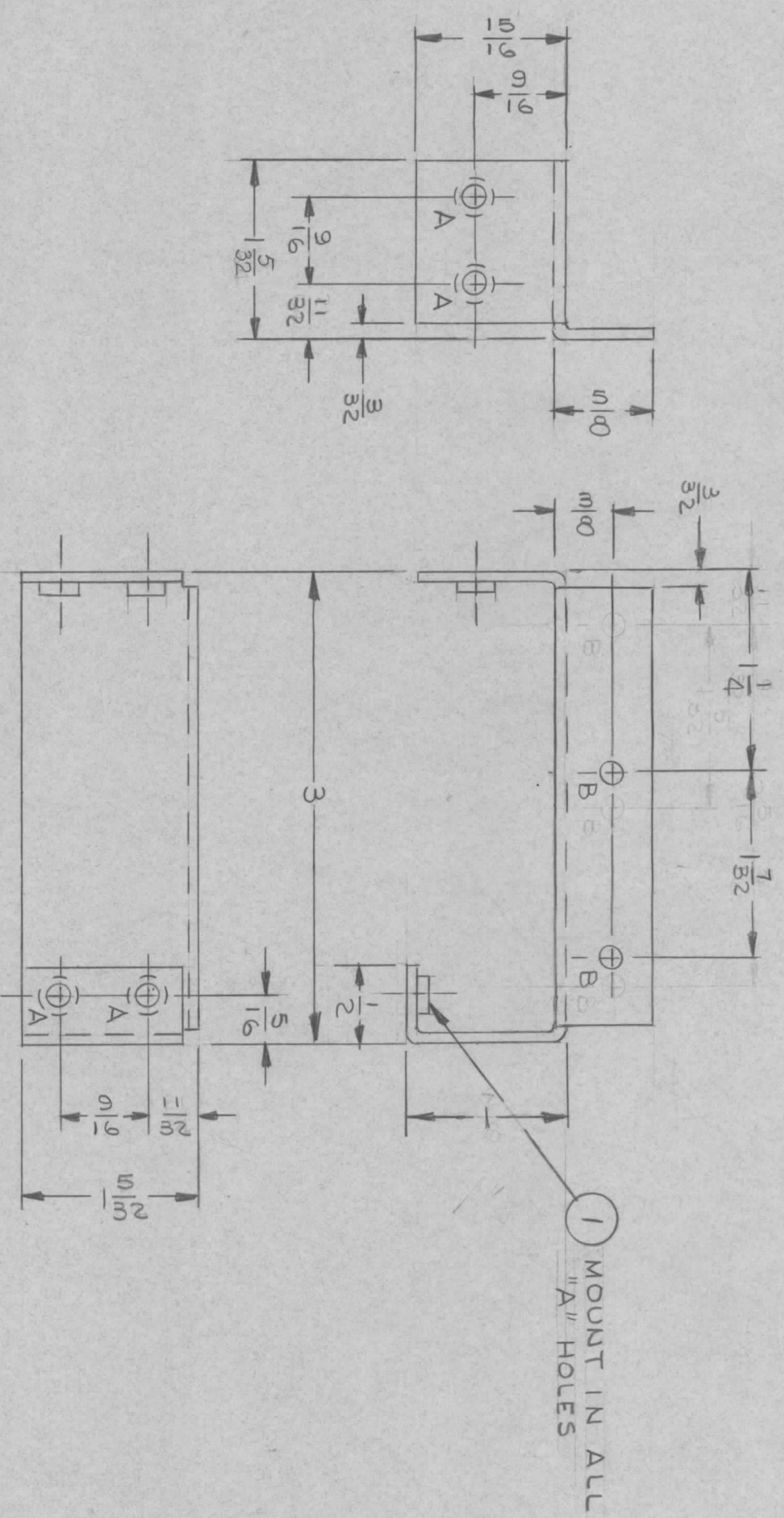
THE TECHNICAL MATERIEL CORP.			
MAMARONECK, NEW YORK			
SIZE	CODE IDENT. NO.	DWG NO.	ISSUE
B	82679	MS5334	$\emptyset$

SHIELD, RF, XFMR

SCALE	SHEET	OF
	1	



REVISIONS						
ZONE	LTR	DESCRIPTION	DATE	E.M.N.NO	DRAFT	CHKD
	Ø	ORIG. RELEASE FOR PROD	11-7-68	Ø	R.G.	
CS	A	15/32 WAS 1 9/64	2/18/69	19235	GE	



HOLE LEGEND		
HOLE	DESCRIPTION	REQ
A	.161-.164 DIA	4
B	9/64 DIA	2

QTY / UNIT	MSAR-4	ASS'Y NO.
APPLICATION		
CODE		

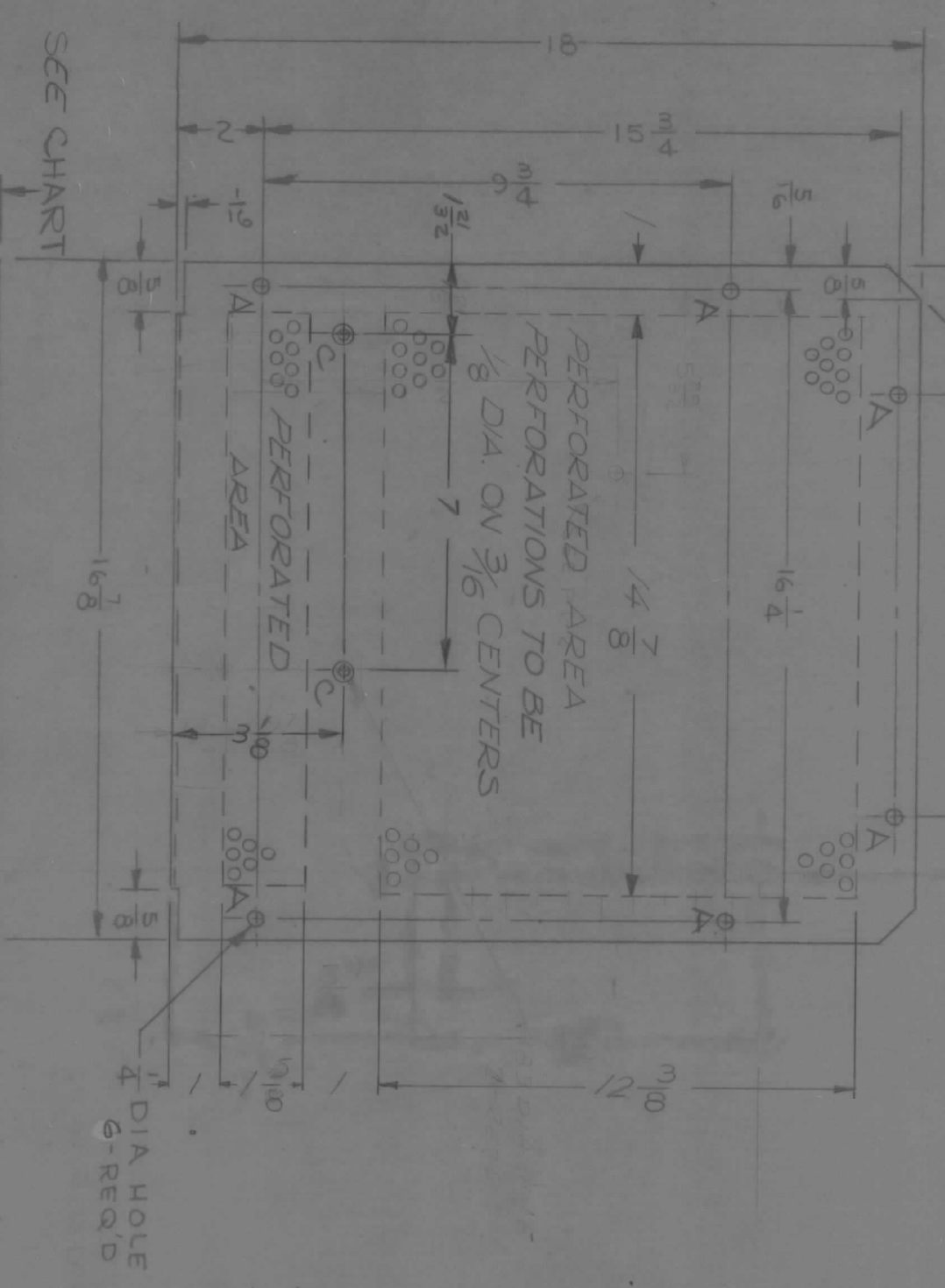
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REQ'D ITEM	PART NUMBER	DESCRIPTION	SYM.
4	NT129-440-4	NUT, PLAIN, SPLINE	A

LIST OF MATERIAL			
THE TECHNICAL MATERIEL CORP.			
MAMARONECK, NEW YORK			
SUPPORT BKT			
DATE	DATE	DATE	DATE
11-5-68	7/28/67	7/27/67	

FINAL APPROVAL	DATE	MECH. DES.	DATE	ELECT. DES.	DATE
<i>[Signature]</i>	11/7/68	<i>[Signature]</i>	11-5-68		
CHECKED	DATE	DRAWN	DATE	SIZE	
<i>[Signature]</i>	7/28/67	JL	7/27/67	B	82679
MATERIAL			CODE IDENT. NO.		
.063 THK ALUMINUM			MS5335		
FINISH			DWG NO.		
YELLOW IRIDITE			MS5335		
5404			ISSUE		
SCALE			SHEET		
SK 3252-005-1D			OF		

REVISIONS							
ZONE	LTR	DESCRIPTION	DATE	E.M.N. NO.	DRAFT	CHKD	APPD
	X1	CHART ADDED	7-9-68				
	Ø	ORIG. RELEASE FOR PROD	11-7-68	Ø	R.G.		
A		DM. 8/4 WAS 2 $\frac{3}{4}$ WAS 3/16	2/21/68	19125	LEH	HO	OP
B		REVISED & UPDATED	5/3/69	19418	GE	HO	OP
C		REVISED & UPDATED	8/11/69	19520	GE	HO	OP



QTY / UNIT	MODEL USED ON	ASS'Y NO.
1	MSAR-4	
	APPLICATION	
	CODE	

HOLE DESCR	REQ
A 1/4 DIA	G
C .189 DIA	2

MATERIAL: .051 PERFORATED  
ALUMINUM 5052 H-32

TMG PART NO	DESCRIPTION	FLANGE	ITEM 3	ITEM 1 & 2
MS 5336-1	BOTTOM COVER AS SHOWN	1/4	REQ	AS SHOWN
MS 5336-2	TOP COVER	NOT REQ	REQ	OPP HAND

REQ'D ITEM	PART NUMBER	DESCRIPTION	SYM.
2	TE108-1	NUT, PLAIN, CLINCH	C
6	FS109-3	RING, RETAINING	A
6	FS110-1	STUD, TURN LOCK	A

LIST OF MATERIAL SK 3252-005-49

THE TECHNICAL MATERIEL CORP.  
MAMARONECK, NEW YORK

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES

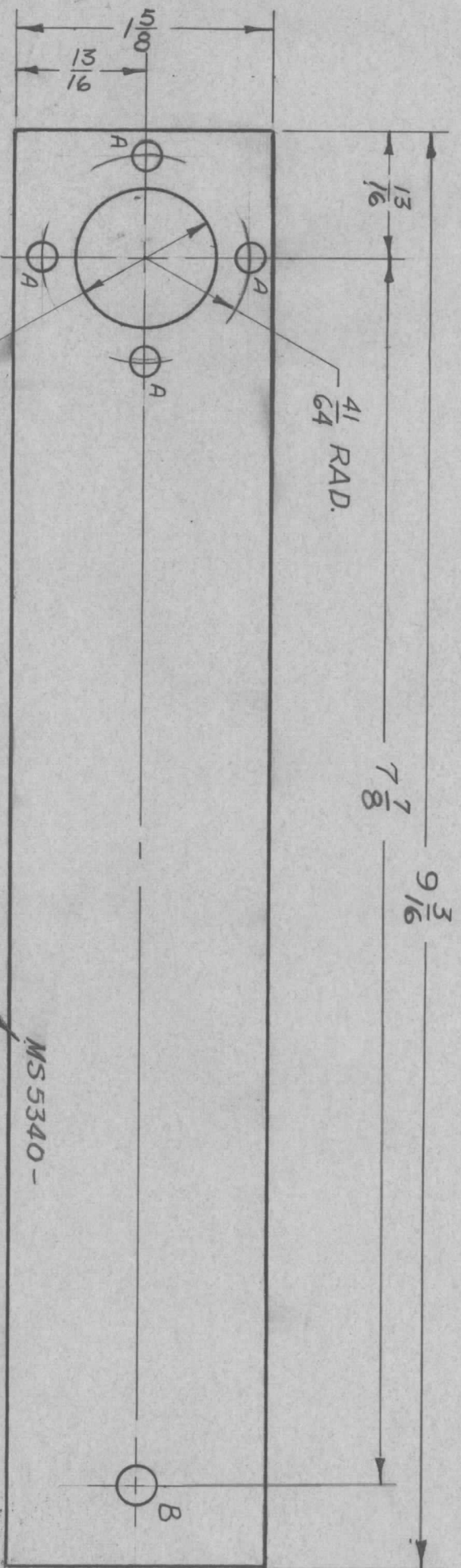
DECIMALS: X ± .05, XX ± .01, XXX ± .005  
FRACTIONS: 1/64, ANGLES: 90°-30'

FINISH: YELLOW IRIDITE  
S400

SCALE: B 82679 MS 5336

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HOLE	DESCRIPTION	REQ.
A	1/64 DIA.	4
B	15/64 DIA.	1



MARK TMC P/N 1/8 HIGH GOTHIC  
W/LATEST REV. LETTER.

MS 5340 -

REVISIONS						
ZONE	LTR	DESCRIPTION	DATE	E.M.N.NO	DRAFT	CHKD
	X	EXP. RELEASE	2/5/68	-4-	Eng	
	Ø	ORIG. RELEASE FOR PROD	11/27/68	Ø	R.G.	

REQ'D ITEM	PART NUMBER	DESCRIPTION	SYM.
F. BUDETTI			
LIST OF MATERIAL			
THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK			
STRAP, GRD. OUTPUT			
SIZE	CODE IDENT. NO.	DWG NO.	ISSUE
B	82679	MS 5340	Ø
SCALE	1:1	SHEET	OF

DECIMALS	TOLS.	FRACTIONS	ANGLES
X ± .05		1/64	
.XX ± .01			° -30'
.XXX ± .005			

FINISH	MATERIAL	THK.
NONE	HOT ROLLED COPPER	.015

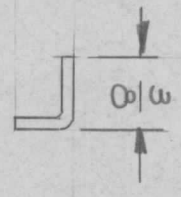
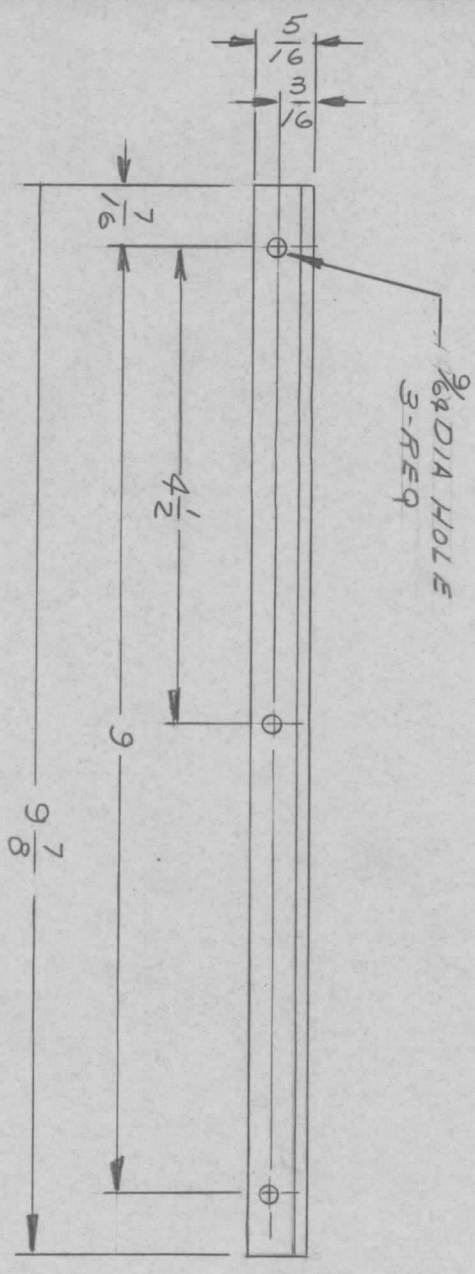
  

QTY / UNIT	MODEL USED ON	ASS'Y NO.
1	RAK-110 - 2K	
APPLICATION		
	CODE	
	A	S 401 - 451

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REVISIONS						
SYM	DESCRIPTION	DATE	E.M.N. NO.	DRAFT	CHKD	APPD
Ø	ORIG. RELEASE FOR PROD.	11-1-68	Ø	R.G.		<i>[Signature]</i>

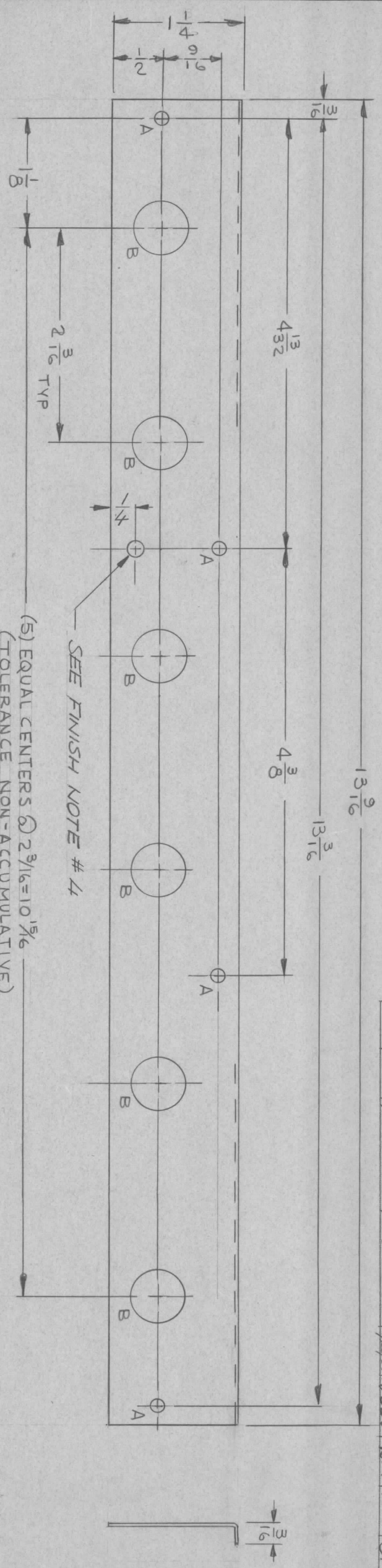
MS 5343



REQ'D.	ITEM	PART NUMBER	DESCRIPTION	SYMBOL
			LIST OF MATERIAL SK 3252-004-24	
<p>MATERIAL            .063 THK ALUMINUM            5052-H32</p>				
<p>FINISH            YELLOW IRIDITE            S404</p>				
<p>TITLE            STIFFENER - P.C. CARD            (POWER SUPPLY)</p>				
<p>UNLESS OTHERWISE SPECIFIED            DIMENSIONS ARE IN INCHES AND INCLUDE            CHEMICALLY APPLIED OR PLATED FINISHES</p>		<p>THE TECHNICAL MATERIEL CORP.            MAMARONECK, NEW YORK</p>		
<p>DECIMALS            .X ± .05            .XX ± .01            .XXX ± .005</p>		<p>FRACTIONS            ± 1/64            ANGLES            ± 0° 30'</p>		
Q'TY./UNIT	MODEL USED ON	ASS'Y. NO.	DRAWN	DATE
1	HFSR-4		JL SJA	10/6/68
SCALE	CODE		CHECKED	DATE
			<i>[Signature]</i>	10/10/68
<p>THE CONTENTS OF THIS DRAWING ARE THE EXCLUSIVE PROPERTY            OF THE TECHNICAL MATERIEL CORP. ITS UNAUTHORIZED USE OR            REPRODUCTION IN WHOLE OR IN PART IS STRICTLY FORBIDDEN.</p>			ELECT. DES.	DATE
			M. ZERENA	
			MECH. DES.	DATE
			FINAL APPROVAL	DATE
			<i>[Signature]</i>	11/4/68
			SHEET	REV. LTR.
			MS 5343	Ø

NOTES

REVISIONS						
ZONE	LTR	DESCRIPTION	DATE	E.M.N. NO.	DRAFT	CHKD
	Ø	ORIG. RELEASE FOR PROD	11-7-68	Ø	R.G.	
A		1/8 DIA. DOT & NOTE ADD.	11/24/69	19669	K1+	ALD



HOLE	DESCRIPTION	REQ
A	9/164 DIA	4
B	9/116 DIA	6

- FINISH NOTES:
- S404 - IRIDITE 14-2 AL-COAT.
  - S114 - ZINC CHROMATE PRIMER
  - LUSTERLESS BLACK ENAMEL PER FED. STD. # 595  
COLOR # 37038.
  - 1/8 DIA. FLAT WHITE DOT.

QTY / UNIT	MODEL USED ON	ASS'Y NO.
1	HFSR-4	
APPLICATION		
CODE		

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DECIMALS	FRACTIONS
X ± .05	1/64
.XX ± .01	ANGLES
.XXX ± .005	0° - 30'

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES

MATERIAL - OBITHR ALUM  
5052-H32

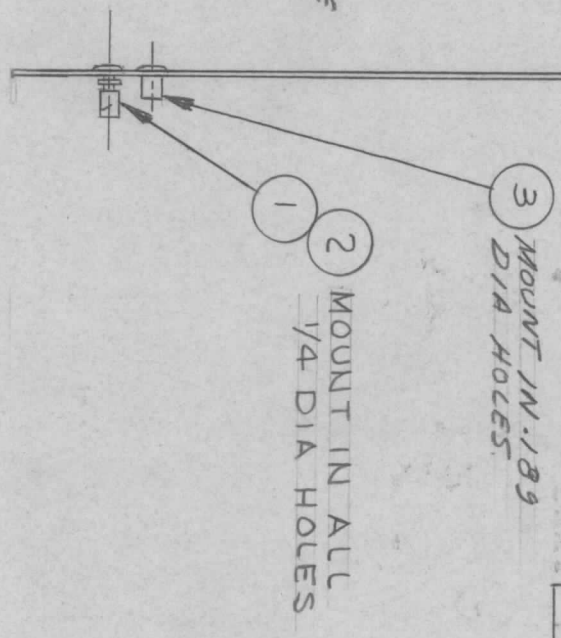
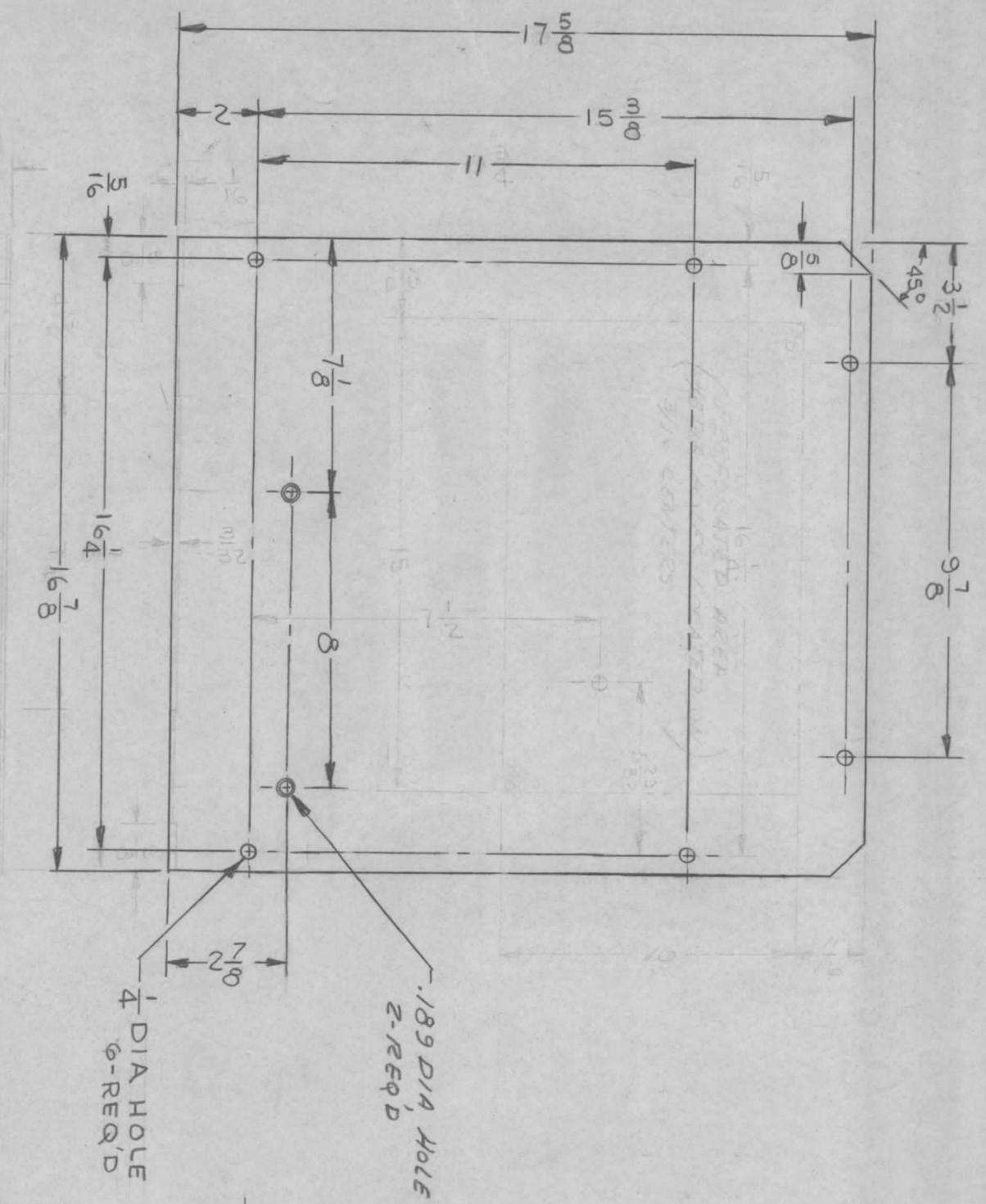
FINISH - SEE NOTES

REQ'D ITEM	PART NUMBER	DATE
		11/7/68
MECH. DES.		DATE
M ZETENA		
ELECT. DES.		DATE
		10/30/68
CHECKED		DATE
		9/13/67
DRAWN		

LIST OF MATERIAL	DESCRIPTION	SYM.
	THE TECHNICAL MATERIEL CORP.	
	MAMARONECK, NEW YORK	
SIZE	CODE IDENT. NO.	DWG NO.
B	82679	MS 5344
SCALE		SHEET OF
		ISSUE
		A

REVISIONS						
ZONE	LTR	DESCRIPTION	DATE	E.M.N. NO	DRAFT	CHKD
	X1	ADDED P.TS / #2	1/15/67		JL	
	X2	DELETED PERFORATED AREA	4/5/68		H2	
	Ø	ORIG. RELEASE FOR PROD	11-7-68		R.G.	

MSS345-1	AS SHOWN - BOTTOM COVER
MSS345-2	AS SHOWN WITHOUT ITEM-3 Ø.189 DIA HOLES - TOP COVER



MSS345-1 ONLY

REQ'D ITEM	PART NUMBER	DESCRIPTION	SYM.
2	TE108-1	NUT, PLAIN, CLINCH	
6	FS109-3	RING, RETAINING	
6	FS110-1	STUD, TURN LOCK	

DECIMALS	FRACTIONS	TOLS.	ANGLES
X ± .05	1/64		0° .30'
.XX ± .01			
.XXX ± .005			

QTY / UNIT	MODEL USED ON	ASSY NO.
1	HFSR-4	
APPLICATION		
CODE	S401-451	

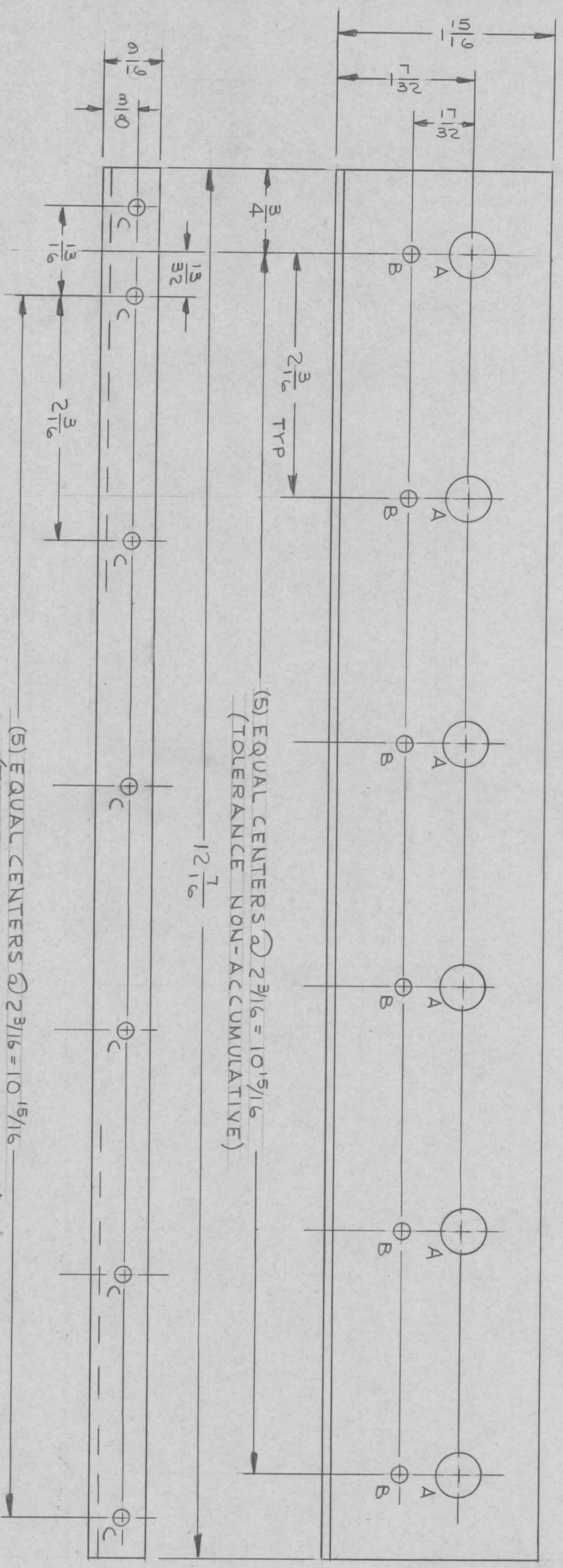
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES
FINISH S404 YELLOW IRIDITE
MATERIAL 5052-H32

DATE	DATE	DATE
11/7/68	4/5/68	11/29/62

SIZE	CODE IDENT. NO.	DWG NO.	ISSUE
B	82679	MSS345	Ø

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REVISIONS						
ZONE	LTR	DESCRIPTION	DATE	E.M.N. NO	DRAFT	CHKD
	Ø	ORIG. RELEASE FOR PROD	11-7-68	Ø		R.G.



HOLE LEGEND		
HOLE	DESCRIPTION	REQ
A	13/32 DIA	6
B	5/32 DIA	6
C	9/64 DIA	7

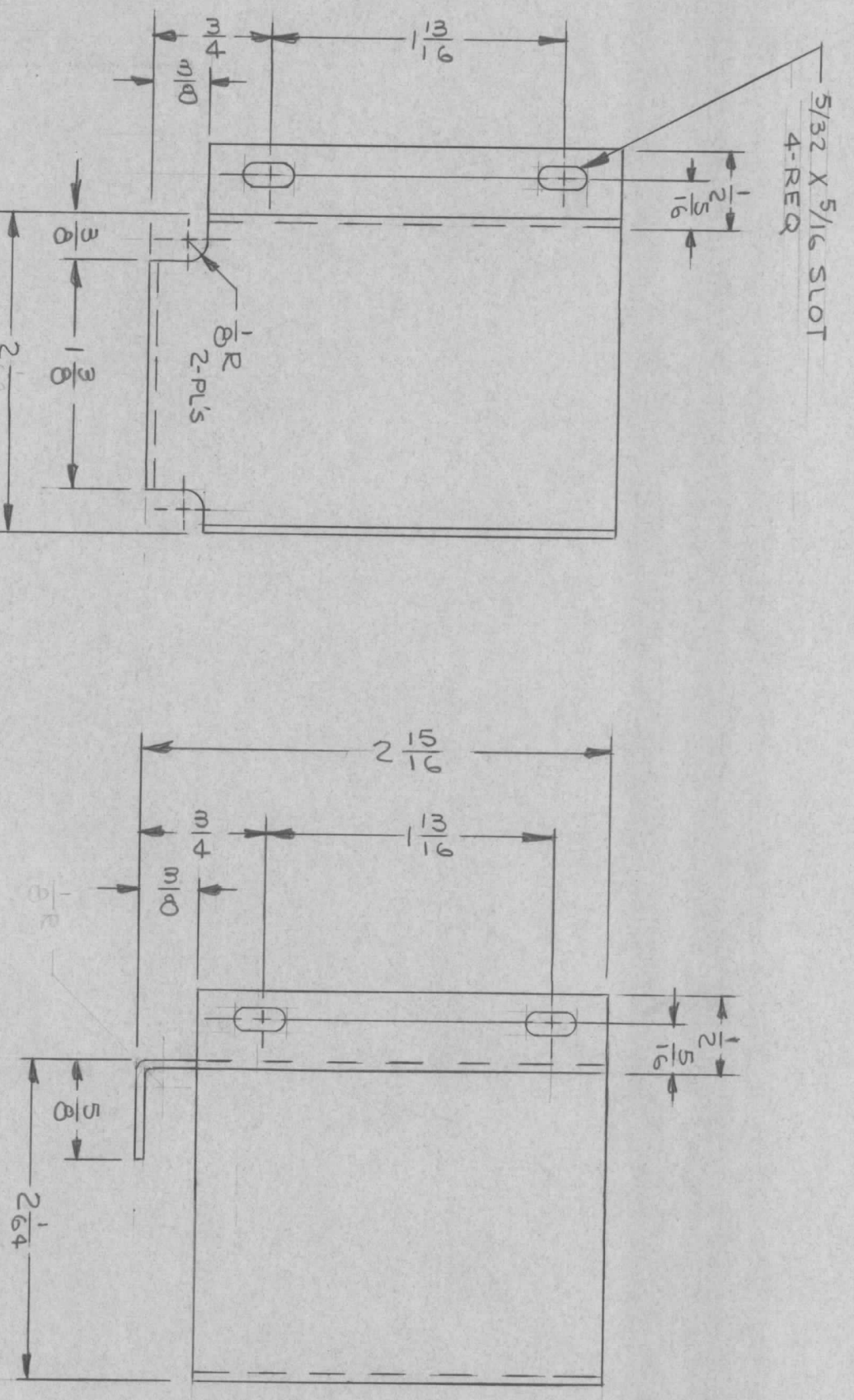
QTY / UNIT	MODEL USED ON	ASSY NO.
1	HFSR-4	
APPLICATION CODE		

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DECIMALS	FRACTIONS
X ± .05	1/64
.XX ± .01	ANGLES
.XXX ± .005	0° - 30'
MATERIAL	
BO52-H32	
FINISH	
YELLOW IRIDITE	

REQ'D	ITEM	PART NUMBER	DESCRIPTION	SYM.
			LIST OF MATERIAL SK 3252-004-19	
<b>THE TECHNICAL MATERIEL CORP.</b> MAMARONECK, NEW YORK				
MTG BRACKET - ROTARY SWITCHES				
SIZE	CODE IDENT. NO.	DWG NO.	ISSUE	
B	82679	MSS5346	Ø	
SCALE	SHEET		OF	

REVISIONS						
ZONE	LTR	DESCRIPTION	DATE	E.M.N. NO	DRAFT	CHKD
	Ø	ORIG. RELEASE FOR PROD.	11-1-68	Ø		



QTY / UNIT	MODEL USED ON	ASS'Y NO.
	HFSR-4	
APPLICATION		
	CODE	

DECIMALS	FRACTIONS
X ± .05	1/64
.XX ± .01	ANGLES
.XXX ± .005	0° .30'

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES
MATERIAL
OSTHAK ALUMINUM
5052-H32
FINISH
YELLOW IRIDIOTE
S404

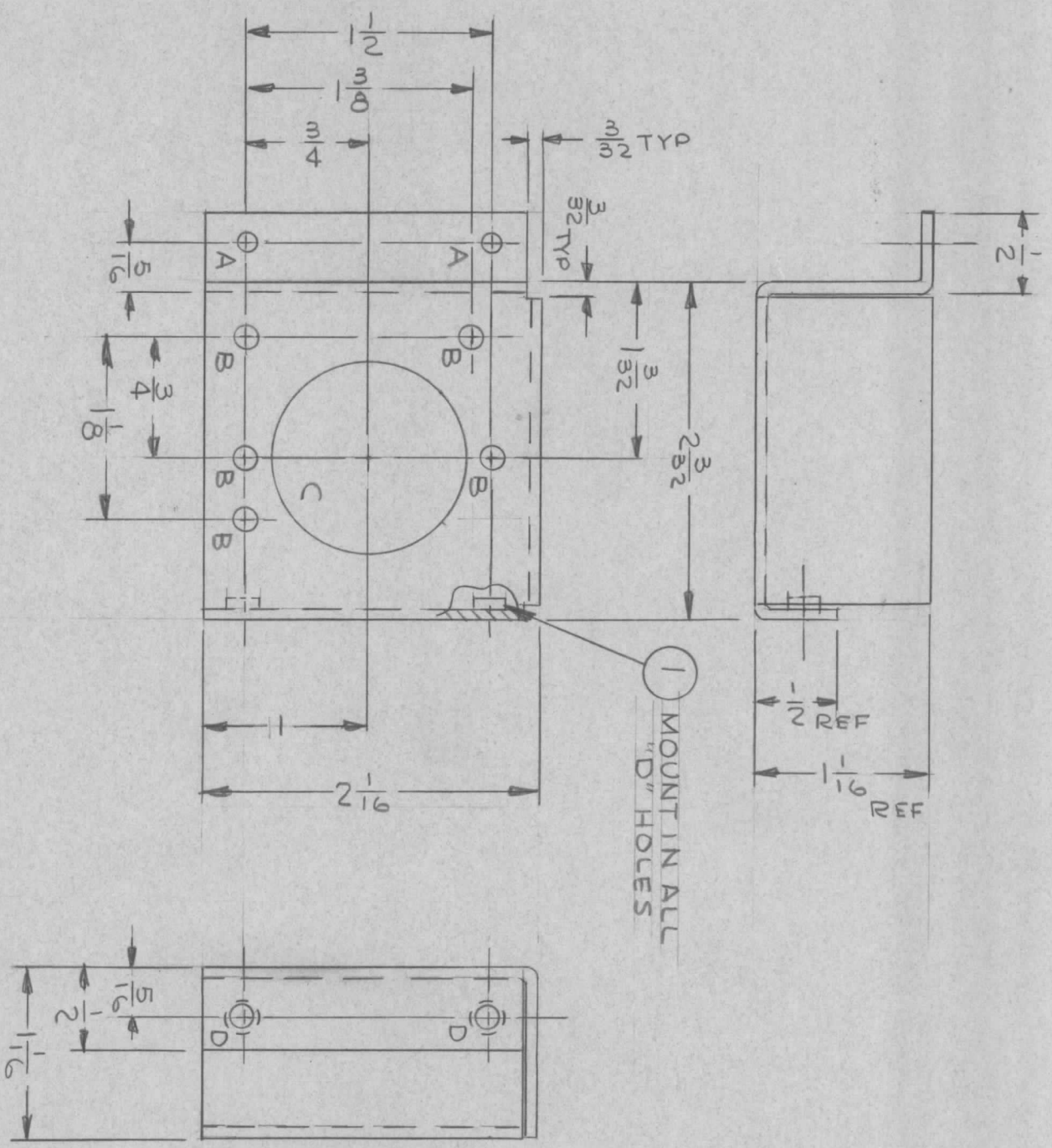
REQ'D ITEM	PART NUMBER	DESCRIPTION	SYM.
		LIST OF MATERIAL SK 3252-004-12	

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REVISIONS							
ZONE	LTR	DESCRIPTION	DATE	E.M.N. NO	DRAFT	CHKD	APPD
	Ø	ORIG. RELEASE FOR PROD.	11-7-68	Ø	R.G.		<i>File</i>



HOLE	DESCRIPTION	REQ
A	9/64 DIA	2
B	11/64 DIA	5
C	13/16 DIA	1
D	.161-.164 DIA	2

REQ'D ITEM	PART NUMBER	DESCRIPTION	SYM.
2	1	NT129-440-4 NUT, PLAIN, SPLINE	D

LIST OF MATERIAL SK3252-004-9

**THE TECHNICAL MATERIEL CORP.**  
MAMARONECK, NEW YORK

QTY / UNIT	MODEL USED ON	ASS'Y NO.
1	HFSR-4	
APPLICATION		
CODE		

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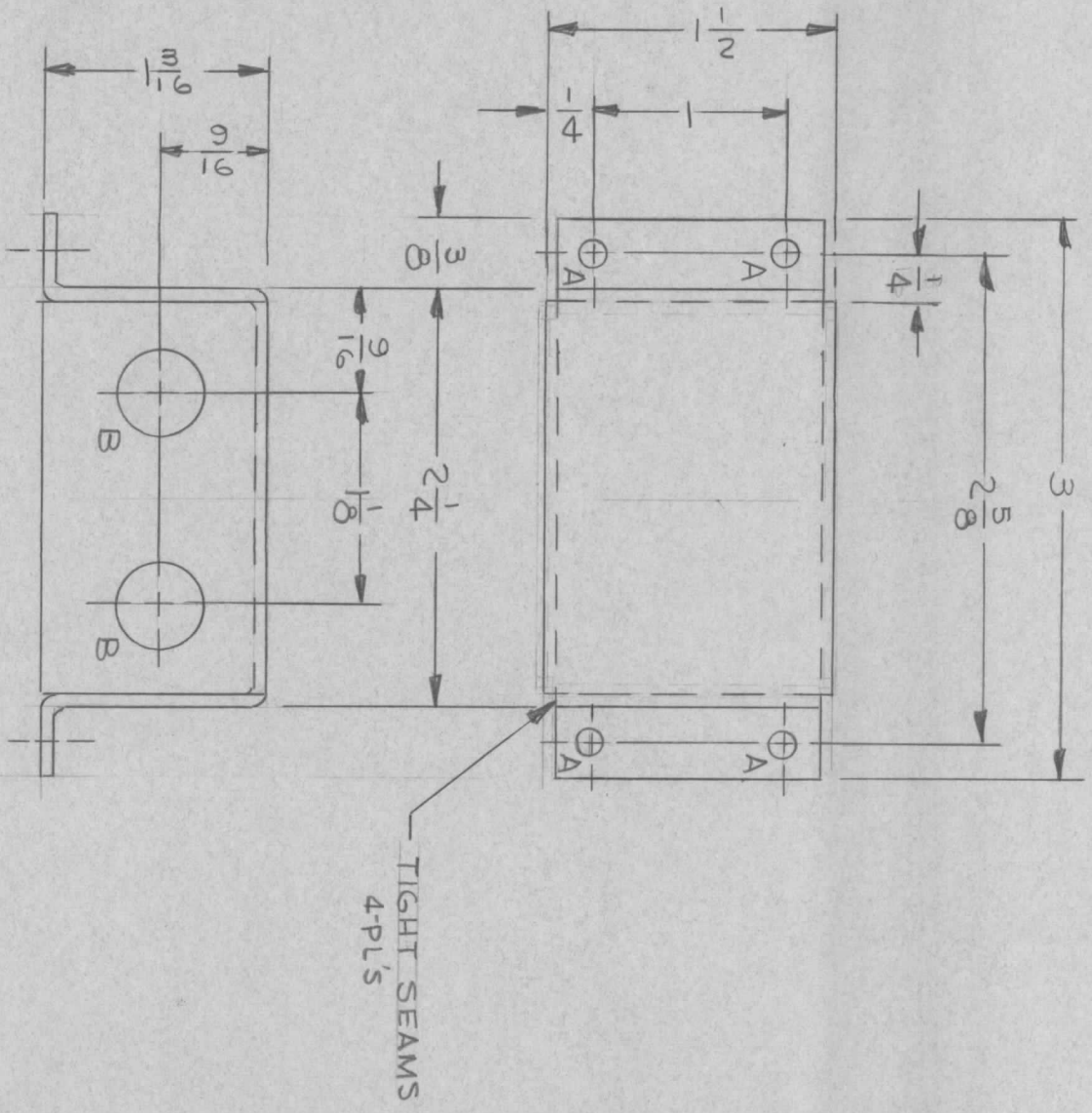
DECIMALS	FRACTIONS
X ± .05	1/64
XX ± .01	ANGLES
.XXX ± .005	0° - 30'
MATERIAL	FINISH
.063THK ALUM	YELLOW IRIDITE
5052-H32	S404

MECH. DES.	DATE
M ZETENA	11/9/68
CHECKED	DATE
<i>File</i>	10/30/68
DRAWN	DATE
<i>File</i>	9/13/67

SIZE	CODE IDENT. NO.	DWG NO.	ISSUE
B	82679	MS5348	Ø
SCALE	SHEET		OF

REVISIONS						
ZONE	LTR	DESCRIPTION	DATE	E.M.N.NO	DRAFT	CHKD
	Ø	ORIG. RELEASE FOR PROD	11-7-68	Ø	R.G.	

HOLE LEGEND		
HOLE	DESCRIPTION	REQ
A	9/64 DIA	4
B	1/2 DIA	2



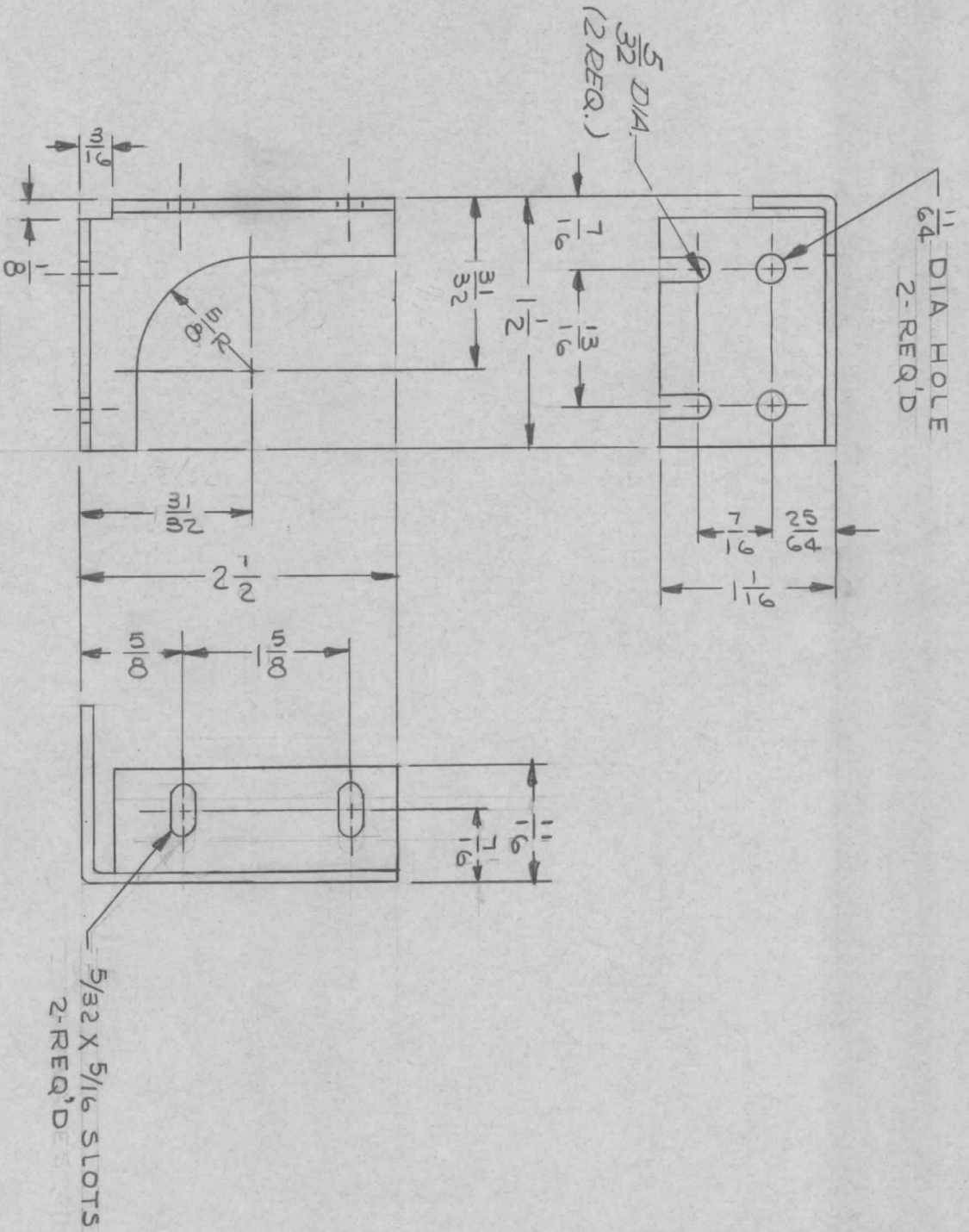
QTY / UNIT	1	MODEL USED ON	HFSR-4	ASS'Y NO.	
APPLICATION		CODE	SHA 238		

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UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES	
DECIMALS	FRACTIONS
X ± .05	1/64
.XX ± .01	TOLS. ANGLES
.XXX ± .005	0° - 30'
MATERIAL	
OOSTHR ALUM	
S052-H32	
FINISH	
YELLOW IRIDITE	
S404	

REQ'D ITEM	PART NUMBER	DESCRIPTION	SYM.
		LIST OF MATERIAL SK 3252-004-10	
<p align="center"><b>THE TECHNICAL MATERIEL CORP.</b>          MAMARONECK, NEW YORK</p>			
DATE	DATE	DATE	DATE
11/7/68	11/7/68	11/7/68	11/7/68
MECH. DES.	ELECT. DES.	CHECKED	DRAWN
M ZEIGNA	JL	JL	JL
DATE	DATE	DATE	DATE
11/7/68	11/7/68	11/7/68	11/3/67
SIZE		CODE IDENT. NO.	DWG NO.
B		82679	MS 5349
SCALE		SHEET	OF
		ISSUE	Ø

REVISIONS							
ZONE	LTR	DESCRIPTION	DATE	E.M.N.NO	DRAFT	CHKD	APPD
	Ø	ORIG. RELEASE FOR PROD.	11/7/68	Ø	R.G.		<i>[Signature]</i>
A		5/32 DIA. ADDED	1/3/69	19176	KTT.		<i>[Signature]</i>



QTY / UNIT	6	MODEL USED ON	HFSR-4	ASS'Y NO.	
APPLICATION		CODE			

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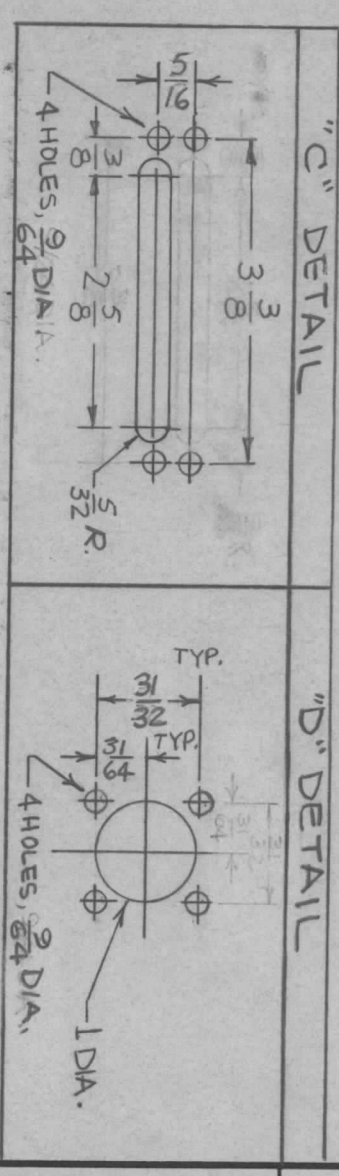
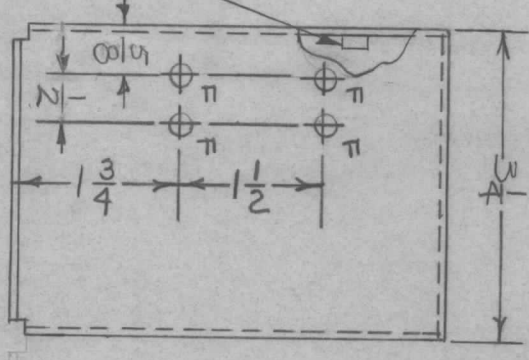
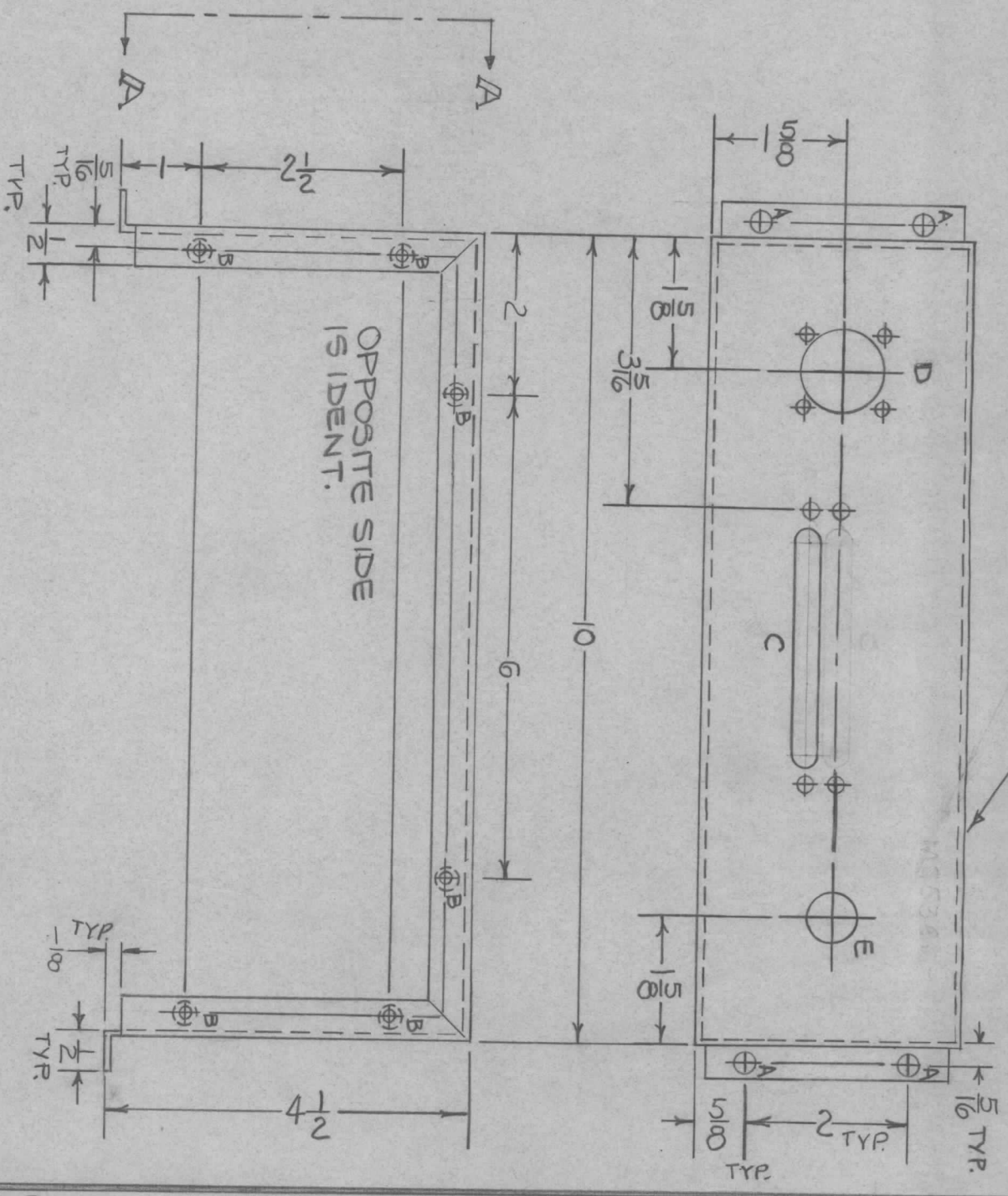
DECIMALS	FRACTIONS
.X ± .05 TOLS.	1/64 ANGLES
.XX ± .01	0° - 30'
.XXX ± .005	
MATERIAL	5052-H32
FINISH	YELLOW IRIDITE S404

FINAL APPROVAL	<i>[Signature]</i>	DATE	11/7/68
MECH. DES.	M. ZETENA	DATE	11/7/67
ELECT. DES.		DATE	9/27/67
CHECKED	SG	DATE	11/7/67
DRAWN	JL	DATE	9/27/67

REQ'D ITEM	PART NUMBER	DESCRIPTION	SYM.
		LIST OF MATERIAL SK 3252-004-23	
		THE TECHNICAL MATERIEL CORP.	
		MAMARONECK, NEW YORK	
		MTG BRACKET, FRONT- LEDEX	
SIZE	CODE IDENT. NO.	DWG NO.	ISSUE
B	82679	MS 5350	4
SCALE		SHEET	OF



MARK TMC P/N(MS5366) 1/8" HIGH GOTHIC  
W/LATEST REV. LETTER, ON INSIDE.



HOLE	DESCRIPTION	REQ.
A	13/64 DIA.	4
B	.191 ~ .194 DIA.	12
C	SEE DETAIL	1
D	SEE DETAIL	1
E	5/8 DIA.	1
F	9/64 DIA.	4

① MOUNT ITEM 1 IN ALL "B" HOLES AS SHOWN

VIEW A-A

REQ'D ITEM	PART NUMBER	DESCRIPTION	SYM.
12	1	NT129-632-4	NUT, PLAIN, SPLINE
			B

FINAL APPROVAL	DATE	MECH. DES.	DATE	ELECT. DES.	DATE	CHECKED	DATE	DRAWN	DATE
<i>[Signature]</i>		A. COGGIA	2-68	S. ROZZO	2-68	<i>[Signature]</i>	2-68	ALPETROVA	2-68

THE TECHNICAL MATERIEL CORP.  
MAMARONECK, NEW YORK

CHASSIS, WRAPAROUND

UNLESS OTHERWISE SPECIFIED  
1. USE MATERIAL THICKNESS FOR MAXIMUM RADIUS ON ALL BENDS  
2. ALL ANGULAR BENDS 90 DEGREES  
3. REMOVE ALL BURRS & SHARP EDGES  
4. MOUNT INSERTS AFTER FINISHING

QTY / UNIT	1	MODEL USED ON	AX5031 (KIT-321)	ASS'Y NO.	
APPLICATION		CODE	A	S401-451	

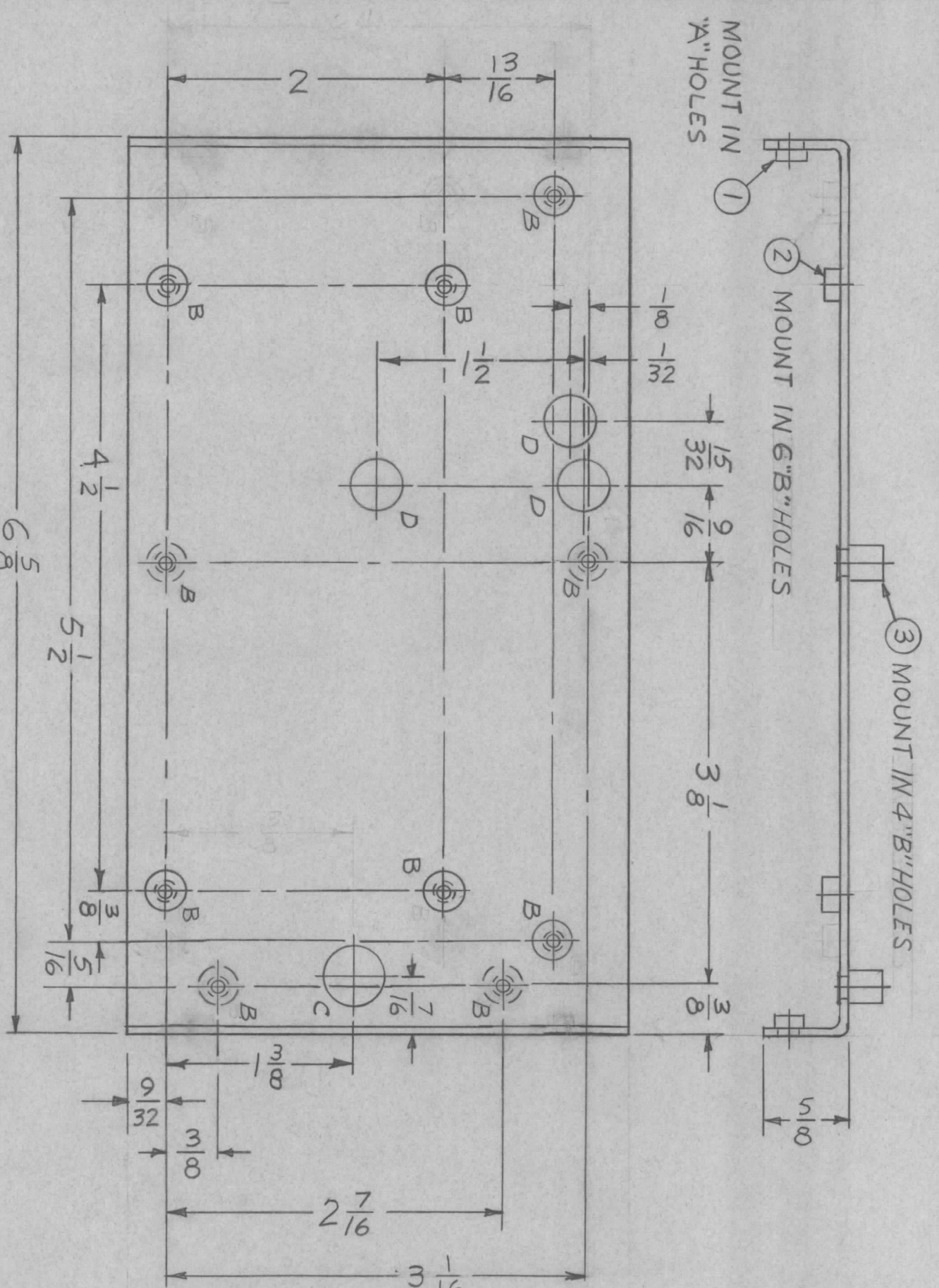
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ZONE	LTR	DESCRIPTION	DATE	E.M.N. NO.	DRAFT	CHKD	APPD
X		EXP. RELEASE	2-68				
Ø		ORIG. RELEASE FOR PROD	2-13-69				

SIZE	CODE IDENT. NO.	DWG. NO.	ISSUE
B	82679	MS5366	Ø
SCALE	1:2	SHEET	OF

REVISIONS

ZONE	LTR	DESCRIPTION	DATE	E.M.N. NO	DRAFT	CHKD	APPD
X		EXP. RELEASE	3.5.68	-			
Ø		ORIG. RELEASE FOR PROD	3-14-68	Ø	R.G.		
A		MOVED 4 B HOLES	1-6-70	19696	KD		



HOLE	DESCRIPTION	REQ
A	.161-.164 DIA.	4
B	.189 DIA.	10
C	7/16 DIA.	1
D	3/8 DIA.	3

MARK TMC P/N 1/8" HIGH  
GOTHIC W/LATEST REV.  
LETTER

OPPOSITE SIDE IDENTICAL

REF: MS5370

REQ'D ITEM	PART NUMBER	DESCRIPTION	SYM.
4	TE164-1	NUT, PLAIN, CLINCH	B
6	TE164-6	NUT, PLAIN, CLINCH	B
4	NT129-440-4	NUT, PLAIN, SPLINE	A

THE TECHNICAL MATERIEL CORP.  
MAMARONECK, NEW YORK

PLATE, MTG, P/C BD

QTY / UNIT	1	MODEL USED ON	CHG()-4	ASS'Y NO.	
APPLICATION		CODE	A	S401-451	

- UNLESS OTHERWISE SPECIFIED
1. USE MATERIAL THICKNESS FOR MAXIMUM RADIUS ON ALL BENDS
  2. ALL ANGULAR BENDS 90 DEGREES
  3. REMOVE ALL BURRS & SHARP EDGES
  4. MOUNT INSERTS AFTER FINISHING.

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES

DECIMALS: X ± .05, XX ± .01, .XXX ± .005

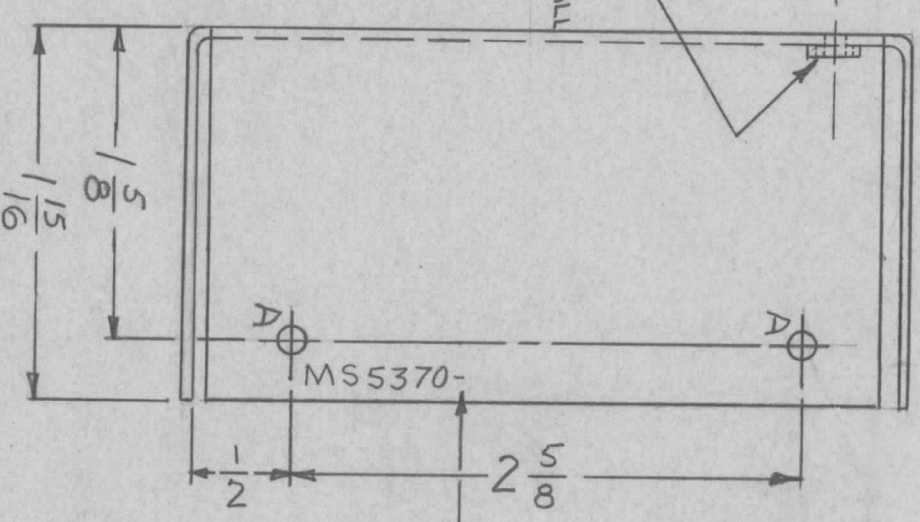
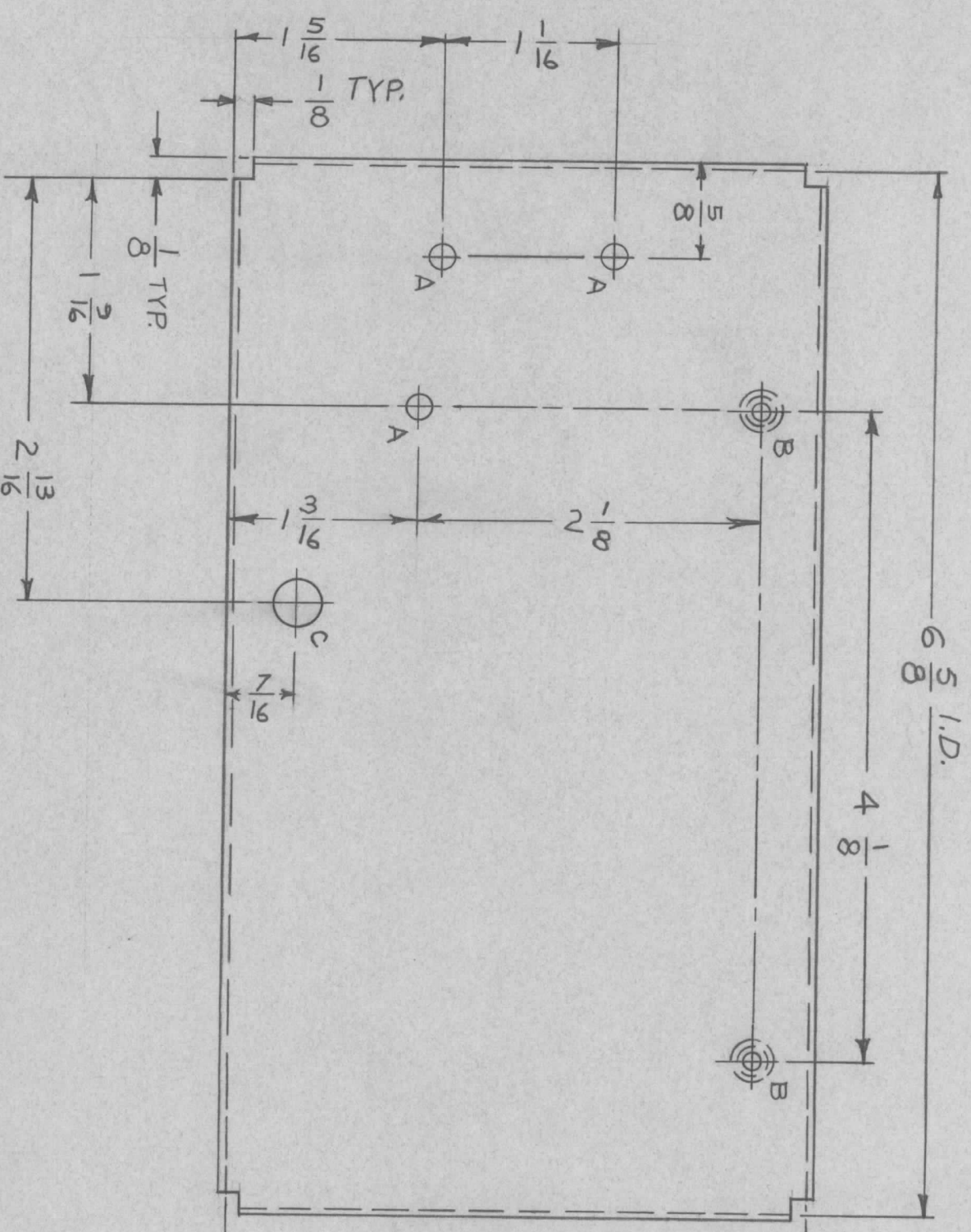
FRACTIONS: 1/64, ANGLES: 0° .30'

MATERIAL: 063 THICK ALUMINUM 5052-H32 FINISH S404 YEL IRIDITE

FINAL APPROVAL	DATE	3-11-68
MECH. DES.	DATE	3-13-68
ELECT. DES.	DATE	
CHECKED	DATE	3-16-68
DRAWN	DATE	3-5-68

SIZE	B	CODE IDENT. NO.	82679	DWG NO.	MS 5369	ISSUE	A
SCALE		SHEET		OF			

REVISIONS						
ZONE	LTR	DESCRIPTION	DATE	E.M.N.NO	DRAFT	CHKD
X		EXP. RELEASE	3.4.68	-		
Ø		ORIG. RELEASE FOR PROD	3.14.68	Ø	R.G.	
A		ADD CHART & ITM 1	1.6.70	19696	KD	



HOLE	DESCRIPTION	REQ
A	9/64 Dia	7
B	.250-.253 Dia	2
C	9/32 Dia	1

MARK TMC P/N 1/8 HIGH  
GOTHIC W/LATEST  
REV. LETTER

OPPOSITE SIDE IDENTICAL

1/160 I.D  
MOUNT IN ALL  
"B" HOLES

REF: MS5369

UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN INCHES  
AND INCLUDE CHEMICALLY APPLIED  
OR PLATED FINISHES

DECIMALS .X ± .05 TOLS. 1/64  
.XX ± .01 ANGLES 0°-30'  
XXX ± .005

FRACTIONS 1/64  
MATERIAL .051 THICK  
ALUMINUM 5052-H32

FINISH S404 YEL  
IRIDITE

REQ'D ITEM	PART NUMBER	DESCRIPTION	SYM.
2	1	NT129-1032-3	NUT, PLAIN, SPLINE
			B

LIST OF MATERIAL SK 3246 MS 6C  
THE TECHNICAL MATERIEL CORP.  
MAMARONECK, NEW YORK

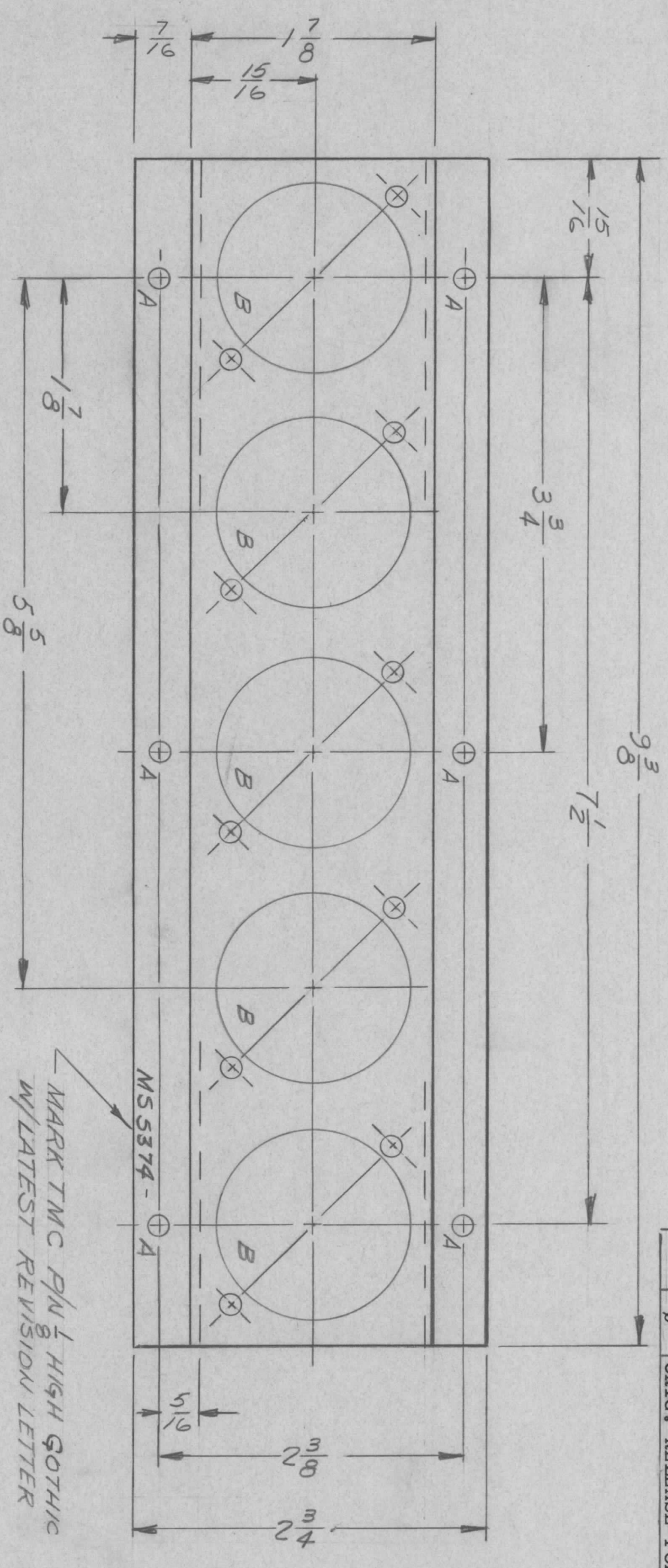
COVER, MTG, PLATE

DATE	DATE	DATE	DATE
3.14.68	3.13.68	3.13.68	3.4.68
MECH. DES.	ELECT. DES.	CHECKED	DRAWN
SCALE 1:1	SIZE B	CODE IDENT. NO. 82679	DWG NO. MS5370
			ISSUE A

- UNLESS OTHERWISE SPECIFIED
1. USE MATERIAL THICKNESS FOR MAXIMUM RADIUS ON ALL BENDS.
  2. ALL ANGULAR BENDS 90 DEGREES.
  3. REMOVE ALL BURRS & SHARP EDGES.

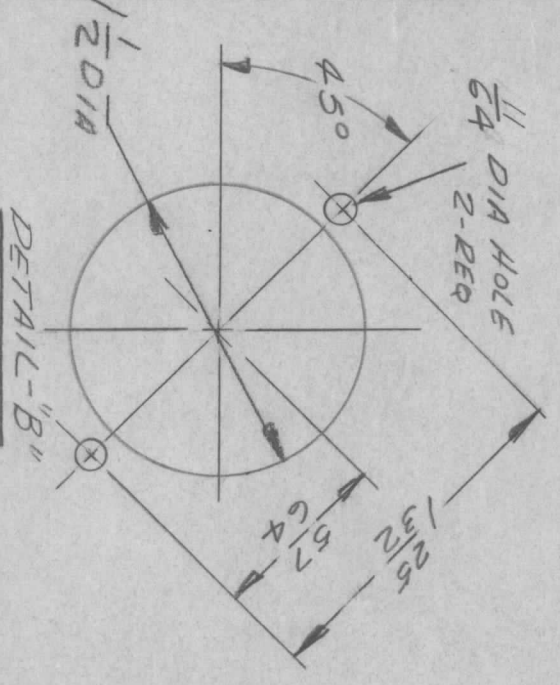
QTY / UNIT	1	MODEL USED ON	CHG ( )-4	ASSY NO.	
APPLICATION		CODE	A	S401-451	
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REVISIONS		DATE	E.M.N. NO.	DRAFT	CHKD	APPD
1	Ø	3/28/69	-#	Engl		



HOLE	DESCRIPTION	REQ.
A	11/64 DIA	6
B	SEE DETAIL	5

- UNLESS OTHERWISE SPECIFIED:
1. USE MATERIAL THICKNESS FOR MAXIMUM RADIUS ON ALL BENDS
  2. ALL ANGULAR BENDS 90 DEGREES
  3. REMOVE ALL BURRS AND SHARP EDGES



1	RTD-5A		
1	RTD-5		
MODEL USED ON		ASS'Y NO.	
APPLICATION			
QTY / UNIT	CODE	S401-451	

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UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES	FRACTIONS	1/64
DECIMALS	TOLS.	ANGLES
X ± .05	.XX ± .01	0° - 30'
.XXX ± .005		

MATERIAL  
 .065 THK ALUM  
 5052-H32  
 FINISH  
 YELLOW IRIDITE  
 S404

REQ'D ITEM	PART NUMBER	DESCRIPTION	SYM.
S. DEMARCO		LIST OF MATERIAL SK 3234-006-3	

FINAL APPROVAL	DATE	DATE	DATE
<i>[Signature]</i>	3/27/69	3/27/69	3-1-68
MECH. DES.	DATE	DATE	DATE
<i>[Signature]</i>			
ELECT. DES.	DATE	DATE	DATE
CHECKED	DATE	DATE	DATE
<i>[Signature]</i>			
DRAWN	DATE	DATE	DATE
<i>[Signature]</i>			

SIZE	CODE IDENT. NO.	DWG. NO.	ISSUE
B	82679	MS 5374	Ø
SCALE			
SHEET			
OF			

THE TECHNICAL MATERIEL CORP.  
 MAMARONECK, NEW YORK  
 BRACKET, MTG CAPACTORS

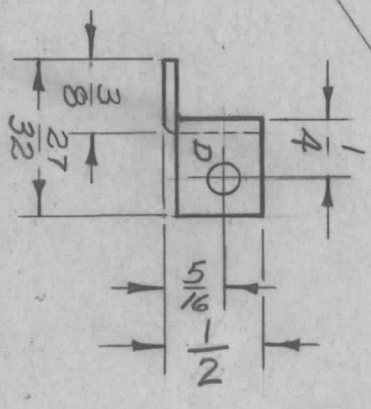
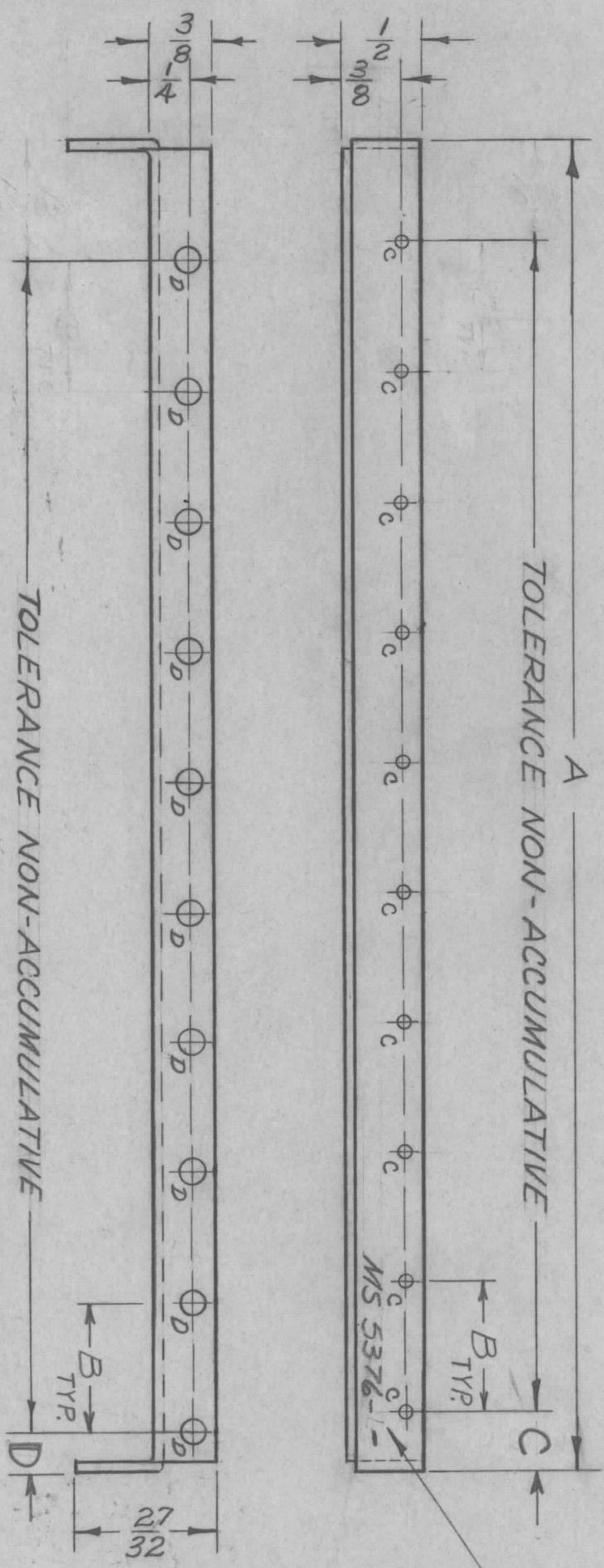


TMC P/N/O	A DIM	B DIM	C DIM	D DIM	HOLES					MODEL	REQ.
					C	REQ.	D	REQ.			
MS5376-1	10 1/4	1	3/8	1/4	.067	10	9/64	12	RTMU-41	1EA	
MS5376-2	8 3/8	.812	3/8	1/4	.067	10	9/64	12	RTIH-3	1EA	
MS5376-3	4 7/8	1	3/8	1/4	.067	5	9/64	7	RTPH-3	1EA	
MS5376-4	11 1/16	.812	3/8	1/4	.067	14	9/64	16	RTTD-4	1EA	
MS5376-5	8 1/4	1	3/8	1/4	.067	8	9/64	10	RTTD-5	1EA	
MS5376-6	7 3/4	1.500	7/8	3/4	.067	5	9/64	5	RARY-1, RASH	1EA	

REVISIONS						
ZONE	LTR	DESCRIPTION	DATE	E.M.N.NO	DRAFT	CHKD
	X	EXP RELEASE	3/6/68	#		
	X1	SIDE VIEW 7/16 STAND DIM C, D ADDED	11-1-68	#		
	Ø	ORIG. RELEASE FOR PROD	11-20-68	Ø		
	A	27/32 WAS 25/32 (SIDE VIEW)	1/27-69	19254	GE	

MARK TMC P/N 1/8 HIGH  
GOTHIC W/LATEST REV. LETTER.

CODE	DESCRIPTION
L	LEFT BOTTOM SECTION AS SHOWN
R	RIGHT BOTTOM SECTION OPPOSITE HAND



MS5376-1-L  
TMC P/N CODE

OPPOSITE SIDE SAME

UNLESS OTHERWISE SPECIFIED  
1. USE MATERIAL THICKNESS FOR MAXIMUM RADIUS ON ALL BENDS.  
2. ALL ANGULAR BENDS 90 DEGREES.  
3. REMOVE ALL BURRS AND SHARP EDGES.

QTY / UNIT	MODEL USED ON	ASS'Y NO.
SEE CHART	APPLICATION	
	CODE	S401-451

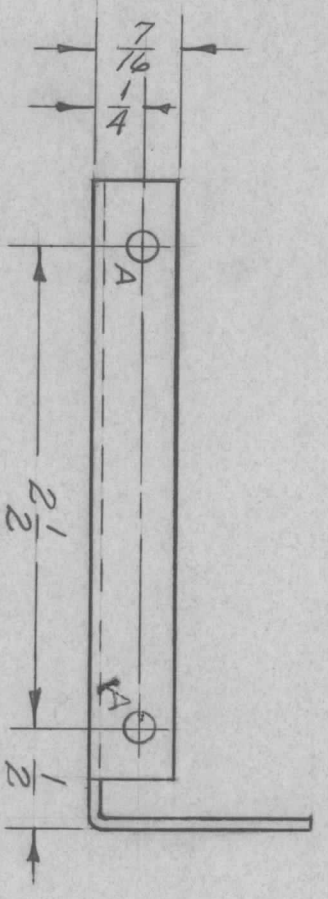
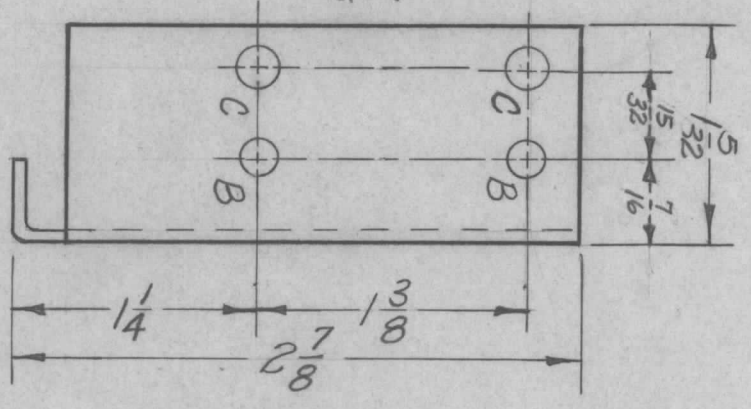
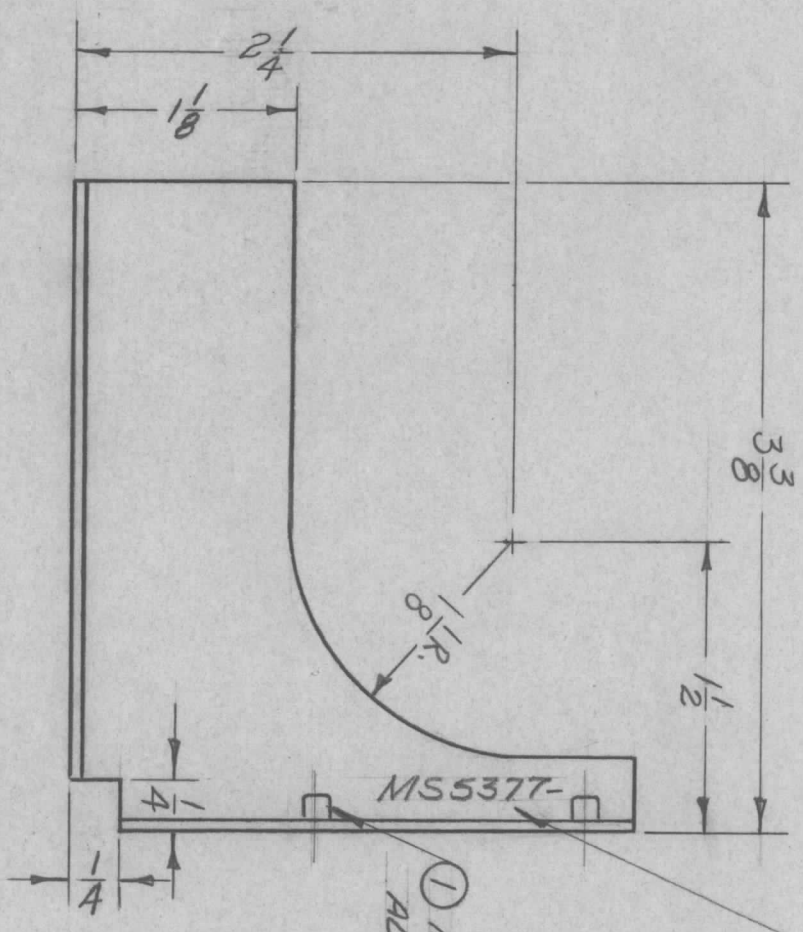
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES

DECIMALS: X ± .05, XX ± .01, XXX ± .005  
FRACTIONS: 1/64, ANGLES: 0°-30°

MATERIAL: .051 THK. ALUMINIUM  
FINISH: S404 YELLOW IRIDITE

REQ'D ITEM	PART NUMBER	DESCRIPTION	SYM.
F. EATON		LIST OF MATERIAL SK 3234-006-6	
FINAL APPROVAL	DATE	THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
MECH. DES.	DATE	ANGLE SUPPORT CARD BIN BOTTOM SECTION	
ELECT. DES.	DATE	SIZE	ISSUE
CHECKED	DATE	B	A
DRAWN	DATE	CODE IDENT. NO.	DWG. NO.
		82679	MS 5376
		SCALE	SHEET OF

MARK TMC P/N  $\frac{1}{8}$  HIGH GOTHIC  
W/LATEST REVISION LETTER



REVISIONS						
ZONE	LTR	DESCRIPTION	DATE	E.M.N.NO	DRAFT	CHKD
	X	EXP. RELEASE	3/5/68	-	<i>[Signature]</i>	<i>[Signature]</i>
	Ø	ORIG. RELEASE FOR PROD	3/21/69		<i>[Signature]</i>	<i>[Signature]</i>
	A	SUPERSEDED	8.11.69	19531	GE	<i>[Signature]</i>

HOLES	DESCRIPTION	REQ.
A	9/64 DIA.	2
B	11/64 DIA.	2
C	.191-.194 DIA.	2

**SUPERSEDED**  
DIRECTLY REPLACED BY  
MS 5192-2

REQ'D ITEM	PART NUMBER	DESCRIPTION	SYM.
2	NT129-632-4	NUT, PLAIN SPLINE	C

LIST OF MATERIAL  
THE TECHNICAL MATERIEL CORP.  
MAMARONECK, NEW YORK

BRACKET, LEDEX FRONT

1		RTD-5A	ASS'Y NO.
1		RTD-5	MODEL USED ON
1		A	CODE
1		S401-451	APPLICATION

DECIMALS	FRACTIONS
.X ± .05	1/64
.XX ± .01	TOLS.
.XXX ± .005	ANGLES
	0° .30'

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES	FINAL APPROVAL	DATE
	<i>[Signature]</i>	3/21/69
	MECH. DES.	DATE
	<i>[Signature]</i>	3-21-69
	ELECT. DES.	DATE
	<i>[Signature]</i>	
	CHECKED	DATE
	<i>[Signature]</i>	3/27/68
	DRAWN	DATE
	<i>[Signature]</i>	3/29/68

MATERIAL	5052-H32
FINISH	S404
SCALE	1:1
SIZE	B
CODE IDENT. NO.	82679
DWG NO.	MS 5377
ISSUE	A

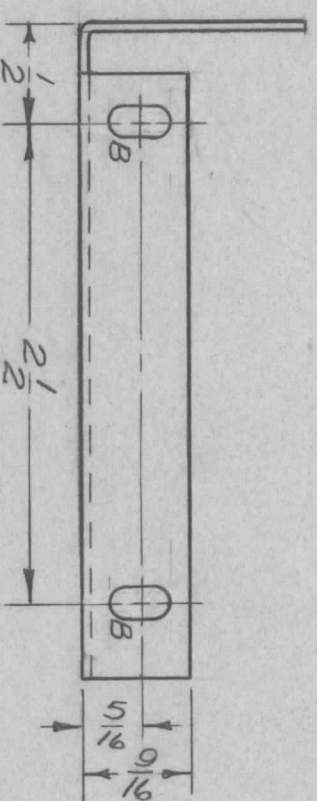
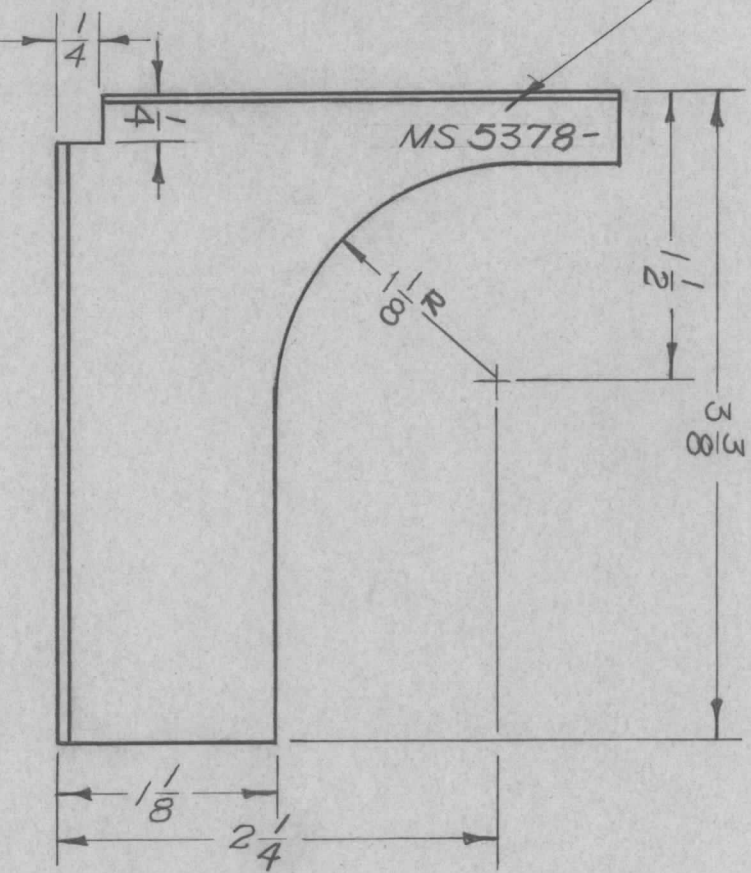
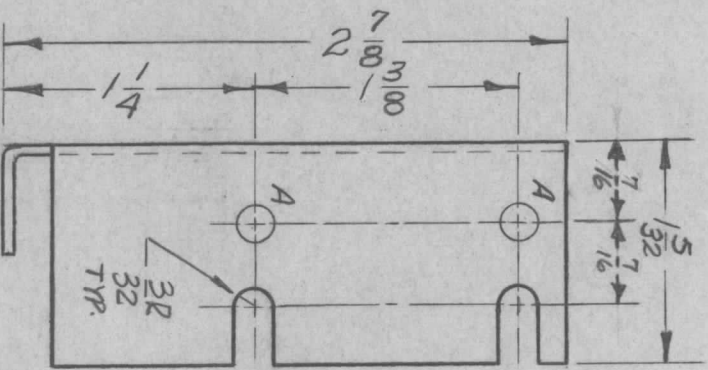
UNLESS OTHERWISE SPECIFIED

1. USE MATERIAL THICKNESS FOR MAXIMUM RADIUS ON ALL BENDS.
2. ALL ANGULAR BENDS 90 DEGREES.
3. REMOVE ALL BURRS AND SHARP EDGES.
4. MOUNT INSERTS AFTER FINISHING.

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REVISIONS						
ZONE	LTR	DESCRIPTION	DATE	E.M.N.NO	DRAFT	CHKD
X		EXP. RELEASE	3/4/68	-	Eng	MW
Ø		ORIG. RELEASE FOR PROD	3/24/69		RG	
A		SUPERSEDED NT ADDED	8/11/69	19531	GE	AKP EAM

MARK TMC P/N  $\frac{1}{8}$  HIGH GOTHIC  
W/LATEST REVISION LETTER.



HOLES	DESCRIPTION	REQ.
A	$\frac{1}{64}$ DIA.	2
B	$\frac{5}{32} \times \frac{5}{16}$ SLOT	2

**SUPERSEDED**

DIRECTLY REPLACED BY  
MS 5192-1

REQ'D ITEM	PART NUMBER	DESCRIPTION	SYM.
S	DEMRCO	LIST OF MATERIAL SK 3234-006-7	

THE TECHNICAL MATERIEL CORP.  
MAMARONECK, NEW YORK

BRACKET, LEDEX, REAR

DATE	3/27/69	DATE	3/27/69	DATE	3/27/69
FINAL APPROVAL	<i>[Signature]</i>	MECH. DES.	<i>[Signature]</i>	ELECT. DES.	<i>[Signature]</i>
CHECKED	<i>[Signature]</i>	DRAWN	<i>[Signature]</i>	DATE	3/27/69
SCALE	B	SIZE	B	CODE IDENT. NO.	82679
SHEET		DWG NO.	MS 5378	ISSUE	A

QTY / UNIT	1	MODEL USED ON	RTD-SA	ASSY NO.	
APPLICATION		CODE	A	S401-451	

UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN INCHES  
AND INCLUDE CHEMICALLY APPLIED  
OR PLATED FINISHES

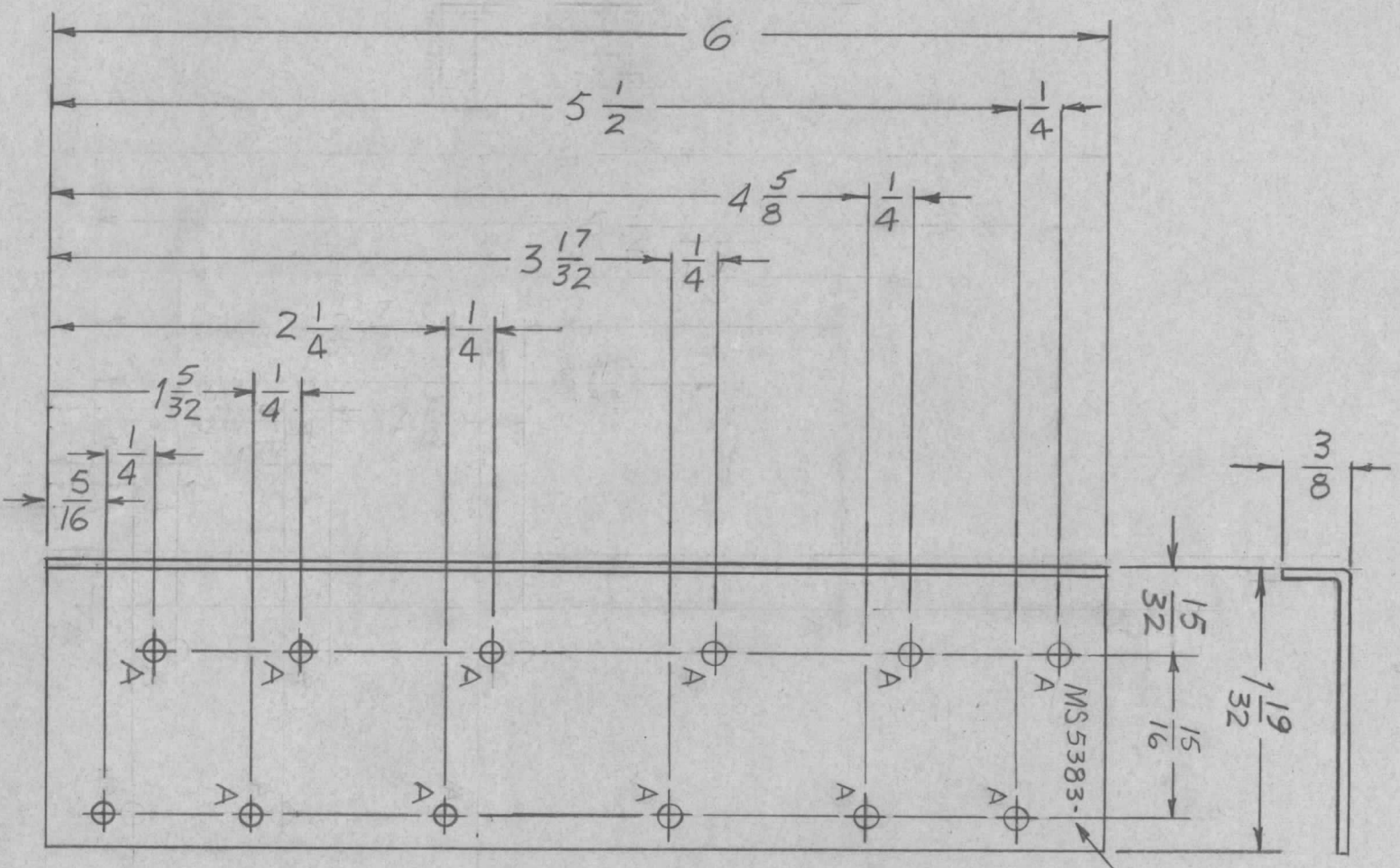
DECIMALS: .X ± .05, .XX ± .01, .XXX ± .005  
FRACTIONS: 1/64  
ANGLES: 0° - 30°

MATERIAL: .051 THK. ALUMINUM  
FINISH: S 404  
YELLOW IRIDIUM

1. USE MATERIAL THICKNESS FOR MAXIMUM RADIUS ON ALL BENDS
2. ALL ANGULAR BENDS 90 DEGREES
3. REMOVE ALL BURRS AND SHARP EDGES

REVISIONS						
ZONE	LTR	DESCRIPTION	DATE	E.M.N. NO.	DRAFT	CHKD
X		EXP. RELEASE	3/26/68	—	MS	
Ø		ORIG. RELEASE FOR PROD.	3/25/68	Ø		

MARK TMC P/N  $\frac{1}{8}$  HIGH  
GOTHIC W/LATEST REV.  
LETTER.



HOLE	DESCRIPTION	REQ
A	7/64 DIA.	12

UNLESS OTHERWISE SPECIFIED:

- USE MATERIAL THICKNESS FOR MAXIMUM RADIUS ON ALL BENDS.
- ALL ANGULAR BENDS 90 DEGREES.
- REMOVE ALL BURRS & SHARP EDGES.

QTY / UNIT	1	MODEL USED ON	SME( ) 6	ASS'Y NO.	A4647
APPLICATION		CODE	A	S401-451	

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UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES

DECIMALS	TOLS.	FRACTIONS	ANGLES
.X ± .05		1/64	0° .30'
.XX ± .01			
.XXX ± .005			

MATERIAL. 063 THK  
ALUMINUM 5052H32  
FINISH S120  
BLACK ANODIZE

REQ'D ITEM	PART NUMBER	DESCRIPTION	SYM.
O. POSE		THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	

LIST OF MATERIAL

FINAL APPROVAL	DATE	
MECH. DES.	DATE	
ELECT. DES.	DATE	
CHECKED	DATE	
DRAWN	DATE	

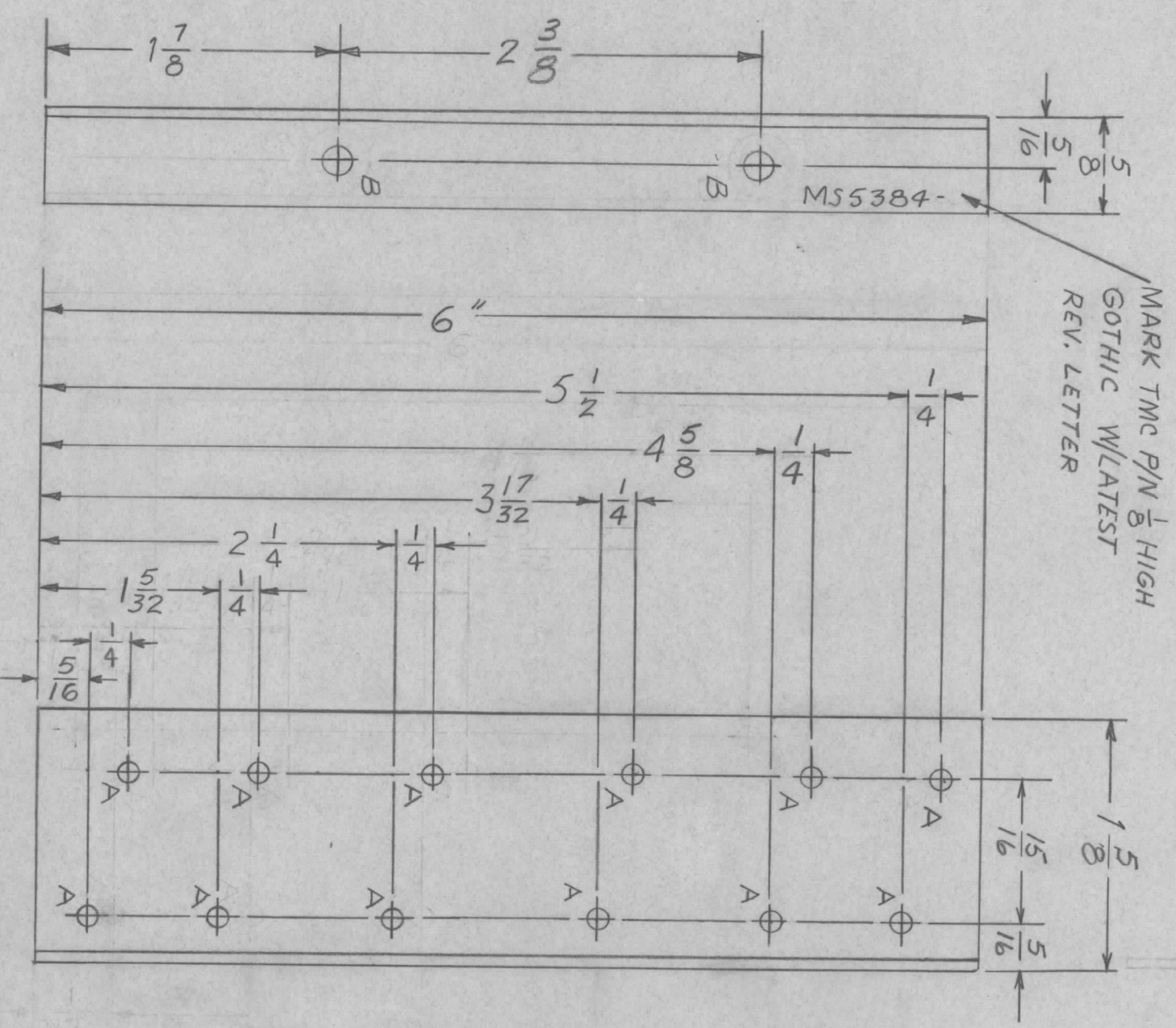
THE TECHNICAL MATERIEL CORP.  
MAMARONECK, NEW YORK

STIFFENER  
PC BOARD

SIZE	CODE IDENT. NO.	DWG. NO.	ISSUE
B	82679	MS 5383	Ø

SCALE 1:1 SHEET OF

REVISIONS						
ZONE	LTR	DESCRIPTION	DATE	E.M.N.NO	DRAFT	CHKD
X		EXP. RELEASE	3/13/68	-	MS	
Ø		ORIG RELEASE FOR PROD	3/25/68		C.V.	MS



HOLE	DESCRIPTION	REQ
A	7/64 DIA.	12
B	3/16 DIA.	2

REQ'D ITEM	PART NUMBER	DESCRIPTION	SYM.
O.POSE		LIST OF MATERIAL	

THE TECHNICAL MATERIEL CORP.  
MAMARONECK, NEW YORK

BRACKET MTG,  
HEAT SINK

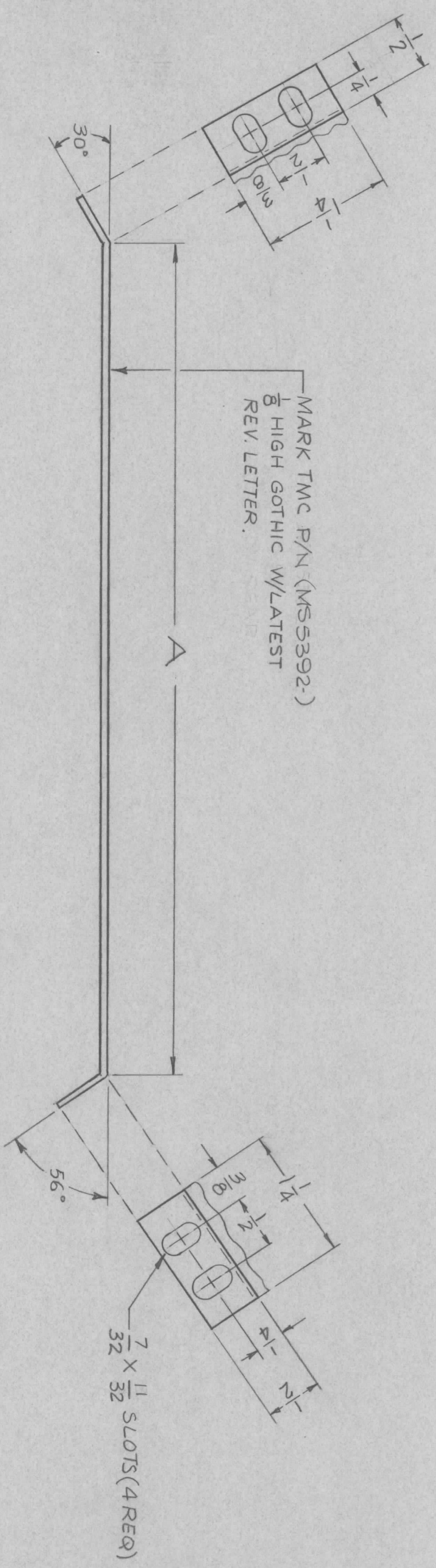
SIZE	CODE IDENT. NO.	DWG NO.	ISSUE
B	82679	MS 5384	Ø
SCALE	1:1	SHEET	OF

QTY / UNIT	MODEL USED ON	ASS'Y NO.
1	SME(1)6	A4647
APPLICATION		
CODE	S401-451	

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- UNLESS OTHERWISE SPECIFIED:
1. USE MATERIAL THICKNESS FOR MAXIMUM RADIUS ON ALL BENDS.
  2. ALL ANGULAR BENDS 90 DEGREES.
  3. REMOVE ALL BURRS & SHARP EDGES.

REVISIONS						
ZONE	LTR	DESCRIPTION	DATE	E.M.N. NO	DRAFT	CHKD
X		EXP. RELEASE	4-2-68	-	HEP.	W. B. D.
Ø		ORIG. RELEASE FOR PROD	4/15/68		R.G.	
A		ADDED - 3	5-1-72	20641	GE	Ø Ø



TMC P/N	A
MS 5392-1	8
MS 5392-2	7-1/4
MS 5392-3	6-1/2

1	METR-10KES	AX 5111
1 EA	BCT-10KA	AX 680
QTY / UNIT		MODEL USED ON
APPLICATION		ASS'Y NO.
CODE	AX	S 401-451

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES	FRACTIONS 1/64
DECIMALS .X ± .05	TOLS. ANGLES 0° .30'
.XX ± .01	
.XXX ± .005	
MATERIAL .081 THICK	
ALUMINUM 5052-H32	
FINISH S 404	
YEL. IRIDITE	

REQ'D ITEM	PART NUMBER	DESCRIPTION	SYM.
F. BUDETTI			
LIST OF MATERIAL			
THE TECHNICAL MATERIEL CORP.			
MAMARONECK, NEW YORK			

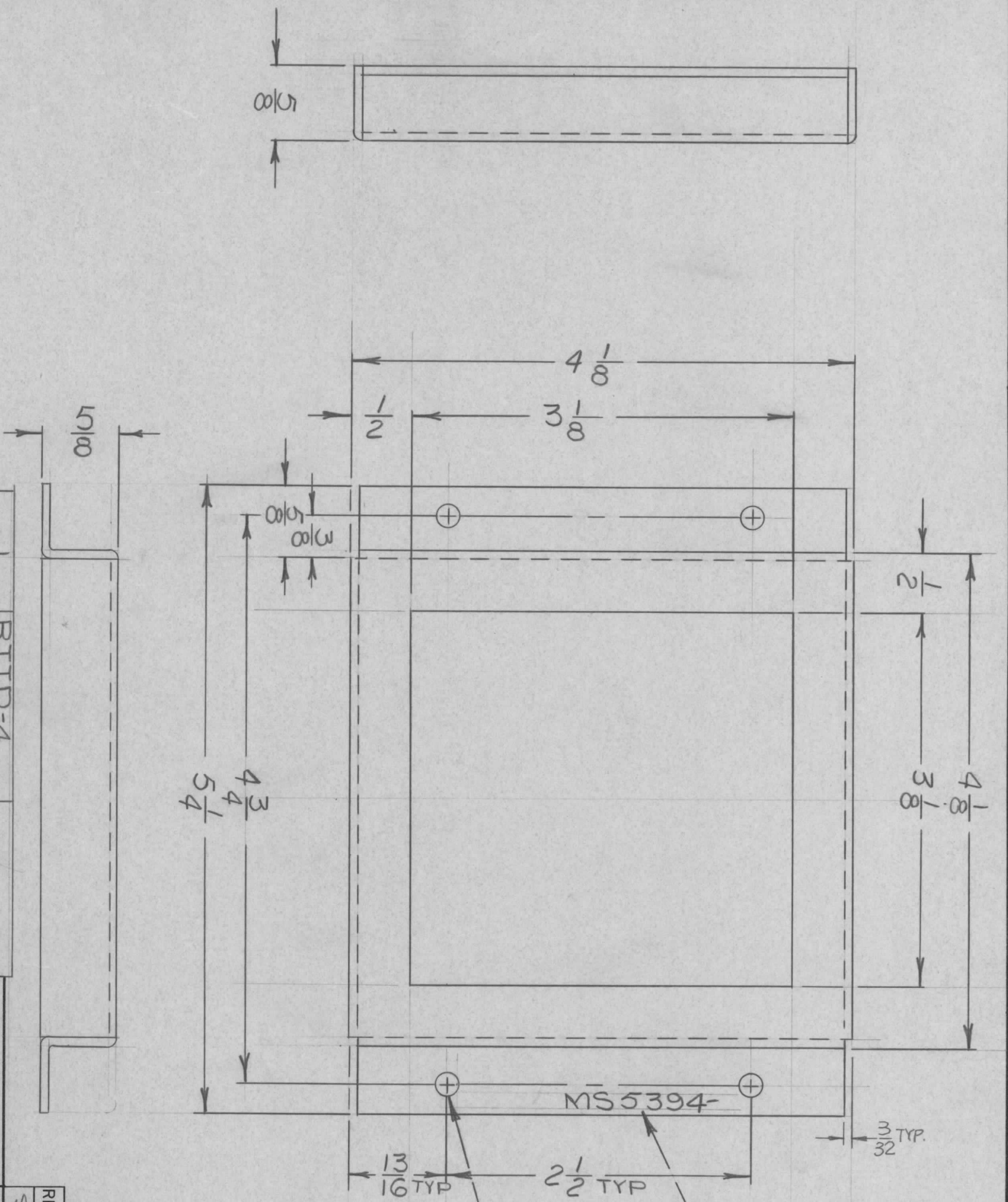
FINAL APPROVAL	DATE	4/5/68
MECH. DES.	DATE	4-15-68
ELECT. DES.	DATE	4/15/68
CHECKED	DATE	4-5-68
DRAWN	DATE	4/2/68

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SIZE	CODE IDENT. NO.	DWG NO.	ISSUE
B	82679	MS 5392	A
SCALE	1:1	SHEET	OF

REVISIONS						
ZONE	LTR	DESCRIPTION	DATE	E.M.N. NO.	DRAFT	CHKD
	X	EXP. RELEASE	4-15-68			
	Ø	ORIG. RELEASE FOR PROD	11-20-68			

MARK TMC P/D  
1/8" HIGH GOTHIC  
W/LATEST REV. LETTER

11/64 DIA (4 REQ'D)



UNLESS OTHERWISE SPECIFIED:

1. USE MATERIAL THICKNESS FOR MAXIMUM RADIUS ON ALL BENDS
2. ALL ANGULAR BENDS 90 DEGREES
3. REMOVE ALL BURRS AND SHARP EDGES
4. MOUNT INSERTS AFTER FINISHING

QTY / UNIT	MODEL USED ON	ASS'Y NO.
1	RTTD-4	
	RTIH-3	
	RTMO-4	
APPLICATION		
CODE	S401-451	

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DECIMALS	FRACTIONS
X ± .05	1/64
.XX ± .01	TOLS. ANGLES
.XXX ± .005	0° - 30'

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES

MATERIAL: 064 THK ALUMN 5052H32

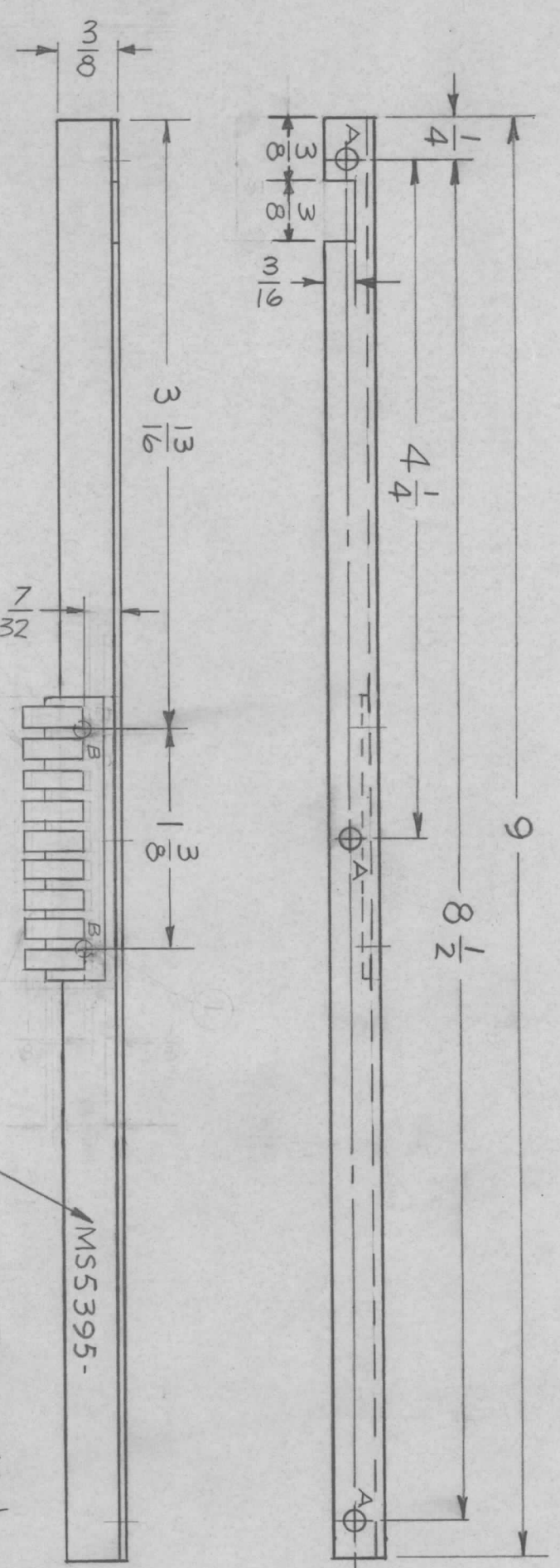
FINISH: ST01 CAUSTIC DIP S404 YEL. IRIDITE

REQ'D ITEM	PART NUMBER	DESCRIPTION	SYM.
LIST OF MATERIAL			
THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK			

COVER, AIR FILTER

SIZE	CODE IDENT. NO.	DWG NO.	ISSUE
B	82679	MS 5394	Ø
SCALE	1:1	SHEET	OF

REVISIONS						
ZONE	LTR	DESCRIPTION	DATE	E.M.N.NO	DRAFT	CHKD
	X	EXP. RELEASE	5.20.68		K2	
	Ø	ORIG. RELEASE FOR PROD.	8-1-68	Ø	R.G.	



HOLE	DESCRIPTION	REQ
A	1/8 DIA.	3
B	5/64 DIA.	2

MARK TMC P/N Ø HIGH  
GOTHIC W/LATEST REV.  
LETTER

UNLESS OTHERWISE SPECIFIED:  
1. USE MATERIAL THICKNESS FOR MAXIMUM RADIUS ON ALL BENDS  
2. ALL ANGULAR BENDS 90 DEGREES  
3. REMOVE ALL BURRS AND SHARP EDGES

QTY / UNIT	MODEL USED ON	ASS'Y NO.
1	CHG(-)-4	4505
1	MMX-( )	4505
1	VOX-7	4505

DECIMALS	TOLS.	FRACTIONS	ANGLES
.X ± .05		1/64	
.XX ± .01			0° - 30'
.XXX ± .005			

FINAL APPROVAL	DATE
<i>[Signature]</i>	

REQ'D ITEM	PART NUMBER	DESCRIPTION	SYM.
1	FP199-4	CONTACT, ELEC	B
2	EY100-5	EYELET, MTL	B

LIST OF MATERIAL

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES

ALUMINUM 5052-H32  
FINISH S404  
YEL IRIDITE

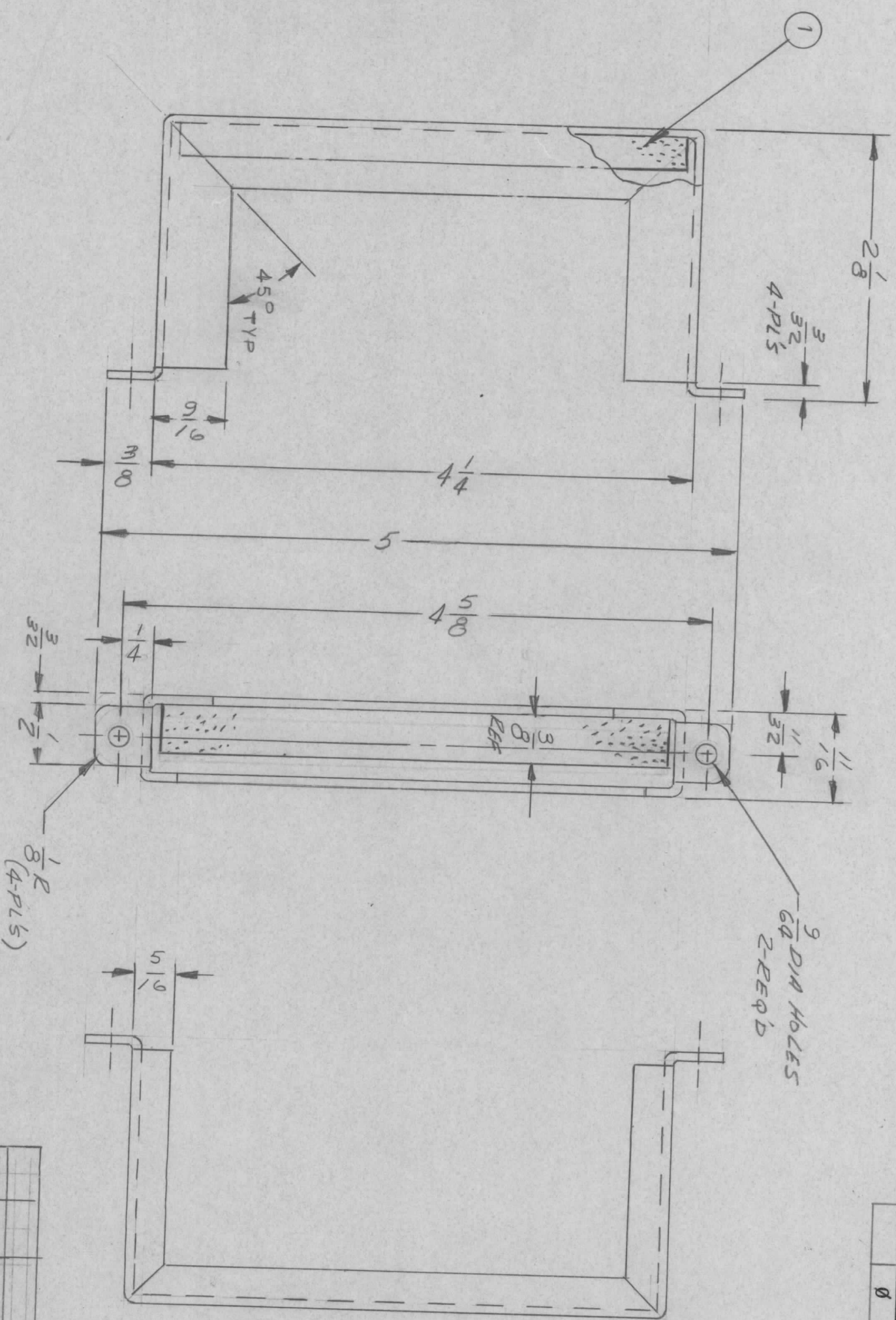
THE TECHNICAL MATERIEL CORP.  
MAMARONECK, NEW YORK

STIFFENER, P.C. BOARD  
MSS5395

SCALE 1:1 SHEET OF



REVISIONS						
ZONE	LTR	DESCRIPTION	DATE	E.M.N.NO	DRAFT	CHKD
	Ø	ORIG. RELEASE FOR PROD	11-7-68	Ø	R.G.	



REQ'D ITEM	PART NUMBER	DESCRIPTION	SYM.
1	TA111-2-3-400-9	TAPES, URETHANE	

LIST OF MATERIAL			
THE TECHNICAL MATERIEL CORP.			
MAMARONECK, NEW YORK			
FRAME, MTG - FILTER			

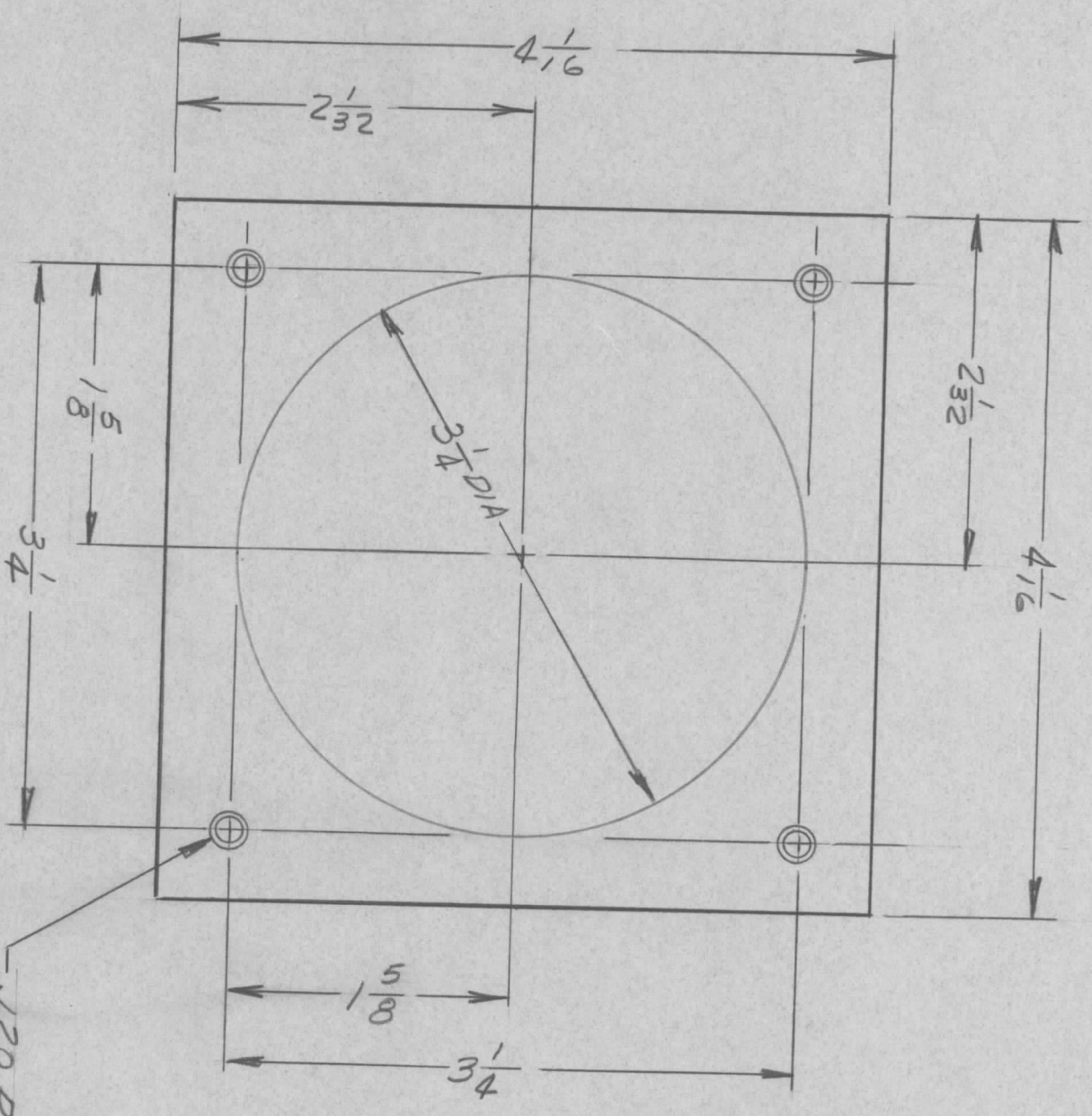
2	HSSR-4		
2	HFRR-4		
MODEL USED ON		ASS'Y NO.	
APPLICATION			
QTY / UNIT		CODE	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES			
DECIMALS	TOLS.	FRACTIONS	ANGLES
.X ± .05		1/64	1/64
.XX ± .01			30°
.XXX ± .005			
MATERIAL			
.063 THK ALUMINUM			
3052-H32			
FINISH			
YELLOW IRIDIUM			
5404			

FINAL APPROVAL	DATE		
MECH. DES.	DATE	11/8/68	
ELECT. DES.	DATE	11-6-68	
CHECKED	DATE	10/30/68	
DRAWN	DATE	11/8/68	
DRAWN: J.L.			
SIZE	CODE IDENT. NO.	DWG NO.	ISSUE
B	82679	M55397	Ø
SCALE	SHEET OF		

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REVISIONS						
ZONE	LTR	DESCRIPTION	DATE	E.M.N.NO	DRAFT	CHKD
	Ø	ORIG. RELEASE FOR PROD	11-7-68	Ø		
						APPD



*.120 DIA & C/SINK 82°  
TO .230 DIA (4-PLACES)*

1	HFSR-Q	
1	HFSR-Q	
QTY / UNIT		MODEL USED ON
APPLICATION		ASSY NO.
CODE		

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES	
DECIMALS	FRACTIONS
.X ± .05	1/64
.XX ± .01	ANGLES
.XXX ± .005	0° - 30'

FINAL APPROVAL	DATE
MECH. DES.	DATE
ELECT. DES.	DATE
CHECKED	DATE
DRAWN	DATE

LIST OF MATERIAL			
REQ'D	ITEM	PART NUMBER	DESCRIPTION
			THE TECHNICAL MATERIEL CORP.
			MAMARONECK, NEW YORK
			SUPPORT PLATE - FILTER FRAME

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MATERIAL  
 OBTAIN ALUM.  
 5052-H32  
 FINISH  
 YELLOW IRIDITE  
 5900

SK 3252-003-GA

SIZE	CODE IDENT. NO.	DWG NO.	ISSUE
B	82679	MS 5398	Ø
SCALE			