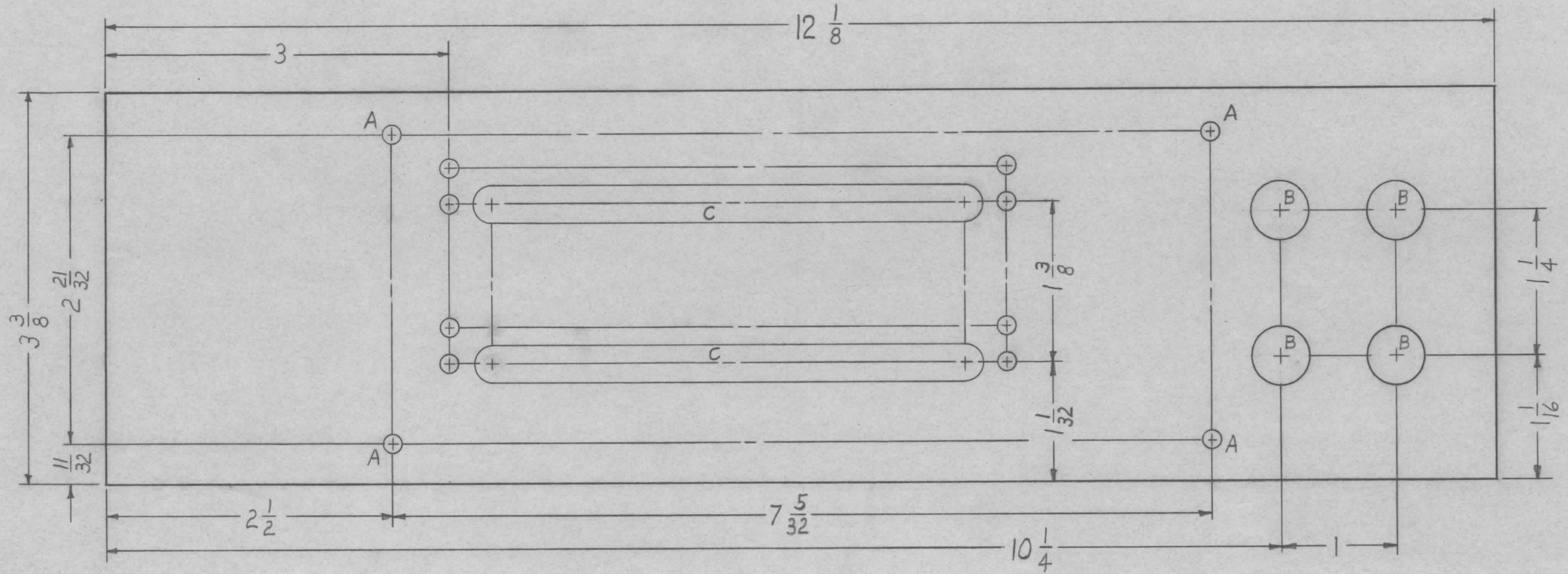


REVISIONS							
ZONE	LTR	DESCRIPTION	DATE	E.M.N.NO	DRAFT	CHKD	APPD
	X	EXPERIMENTAL RELEASE	4-13-67		L.A.K		
	Ø	ORIG RELEASE FOR PROD.	4-14-67		RG		



HOLE	DESCRIPTION	REQ
A	11/64 DIA.	4
B	1/2 DIA.	4
C	SEE DETAIL	2

REF: LD1546

QTY / UNIT	MODEL USED ON	ASS'Y NO.
1	SBT-1KPA2	AF-108
1	SBT-1KPA1	AF-108

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'

TOLS.

MATERIAL 1/4 THK XXXP PHENOLIC

FINISH 5197 BLACK SEMI-GLOSS BAKING ENAMEL

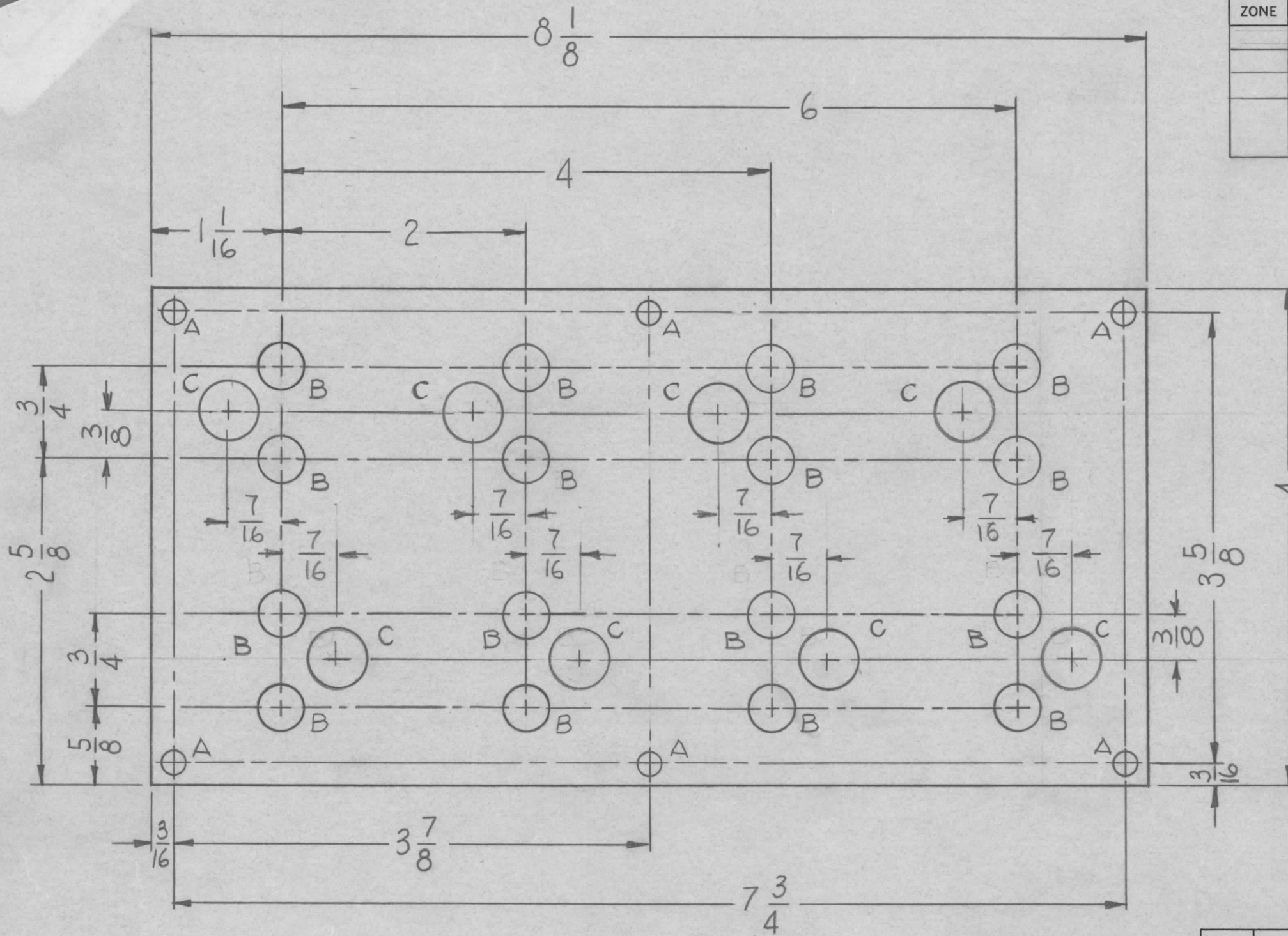
REQ'D	ITEM	PART NUMBER	DESCRIPTION	SYM.
LIST OF MATERIAL				
THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK				
PANEL, PATCH				
SIZE	CODE IDENT. NO.	DWG NO.	ISSUE	
B	82679	PX1009	Ø	
SCALE	M/L		SHEET	OF

APPLICATION

S401-451 CODE A

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REVISIONS						
ZONE	LTR	DESCRIPTION	DATE	E.M.N.NO	DRAFT	CHKD APPD
	X	EXP. RELEASE	7-11-67	4	WFW	WFW
	Ø	ORIG. RELEASE FOR PROD.	9-26-67	Ø	RG.	RG.
	A	3 "C" HOLES ADD	1-2-75	21190	GDL	GDL

HOLE	DESCRIPTION	REQ
A	11/64 DIA.	6
B	W" DRILL (3860D)	16
C	1/2 DIA	8

~ NOTES ~  
 MAT'L:  
 1/8 THK PHENOLIC (XXXP)  
 FINISH:  
 NATURAL  
 S113 FUNGUS PROOF

1	EPA-2	
QTY / UNIT	MODEL USED ON	ASS'Y NO.
APPLICATION		
	CODE A	5401-451

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

FRACTIONS 1/64 ANGLES 0° .30'

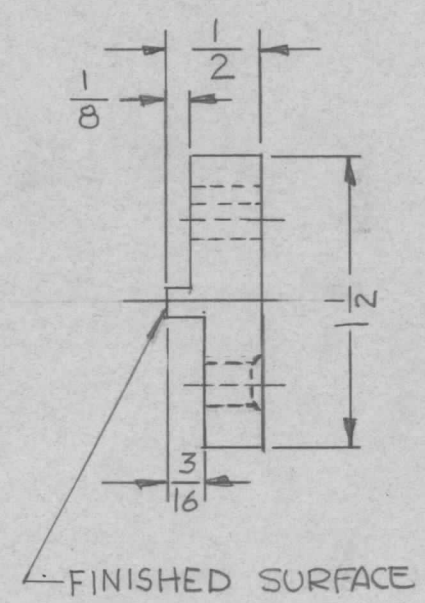
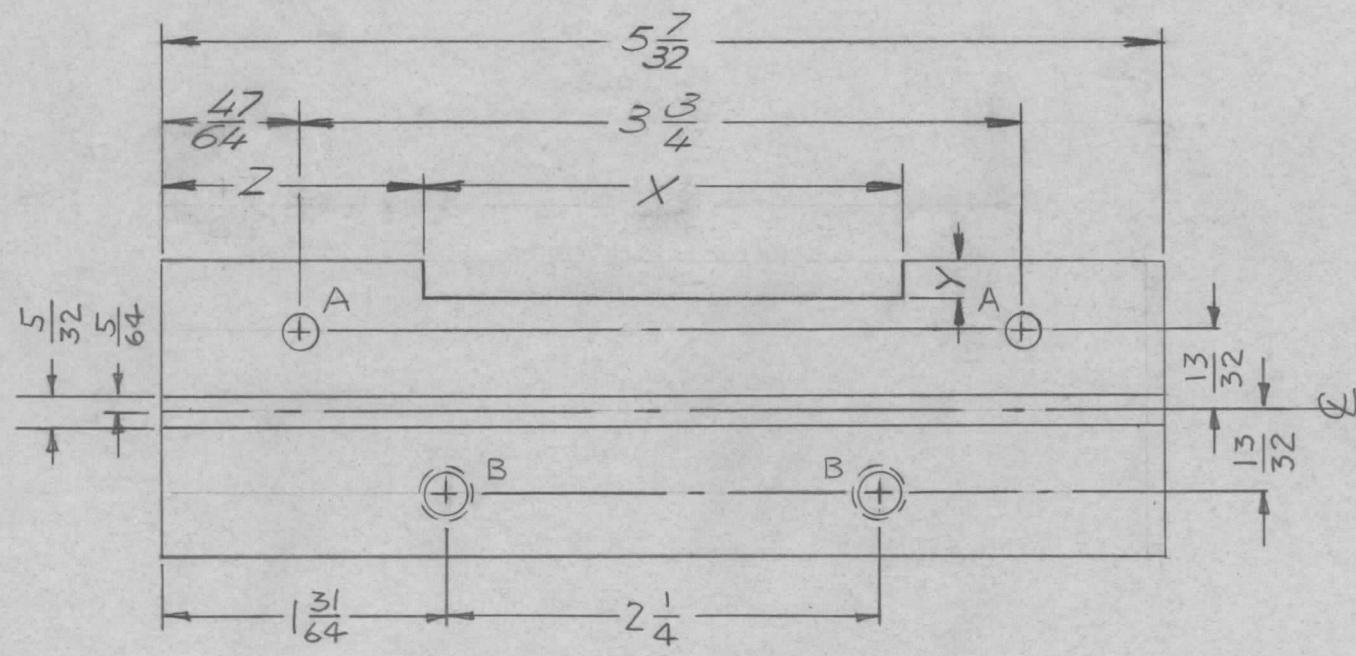
MATERIAL SEE NOTES

FINISH SEE NOTES

REQ'D	ITEM	PART NUMBER	DESCRIPTION	SYM.
		F. BUDETTI	LIST OF MATERIAL SK3240-5	
FINAL APPROVAL		DATE	THE TECHNICAL MATERIEL CORP.	
MECH. DES.		DATE	MAMARONECK, NEW YORK	
ELECT. DES.		DATE	PLATE, MTG, CAPACITOR	
CHECKED		DATE	SIZE	CODE IDENT. NO.
DRAWN		DATE	B	82679
			DWG NO.	PX1016
			ISSUE	A
SCALE 1:1			SHEET	OF

TMC P/N	X	Y	Z
PX1018	N/A	N/A	N/A
PX1018-2	2-1/2	3/16	1-23/64

REVISIONS						
ZONE	LTR	DESCRIPTION	DATE	E.M.N.NO	DRAFT	CHKD APPD
	X	EXP. RELEASE	10/9/67		H.G.	<i>[Signature]</i>
	Ø	ORIGINAL RELEASE FOR PRODUCTION	4/2/68	Ø	<i>[Signature]</i>	<i>[Signature]</i>
	A	ITEM 1 WAS NT129-SF1-20	8-1-68	19016	<i>[Signature]</i>	FB
	B	P/N CHAET & NOTCH ADD	11/21/70	19726	<i>[Signature]</i>	FB
	C	CLERICAL CHG	4/4/70	N	KD	<i>[Signature]</i>
	D	ADD (1032) TO IT. 1 DES.	6-21-73	20753	GE	<i>[Signature]</i>



HOLE	DESCRIPTION	REQ.
A	11/64 DIA.	2
B	SEE NOTES	2

- "B" HOLE NOTES
- 1- DRILL 13/64 (.203) THRU.
  - 2- 120° COUNTERSINK .22-.25 DIA.
  - 3- TAP THRU. USE HELI-COIL TAP
  - 4- INSTALL ITEM 1.
  - 5- BREAK OFF DRIVING TANG.

2	1	NT 139-SF1-20	SCREW, THREAD INSERT (1032)	B
REQ'D	ITEM	PART NUMBER	DESCRIPTION	SYM.
BUDETTI			LIST OF MATERIAL	SK 3290-PX2001

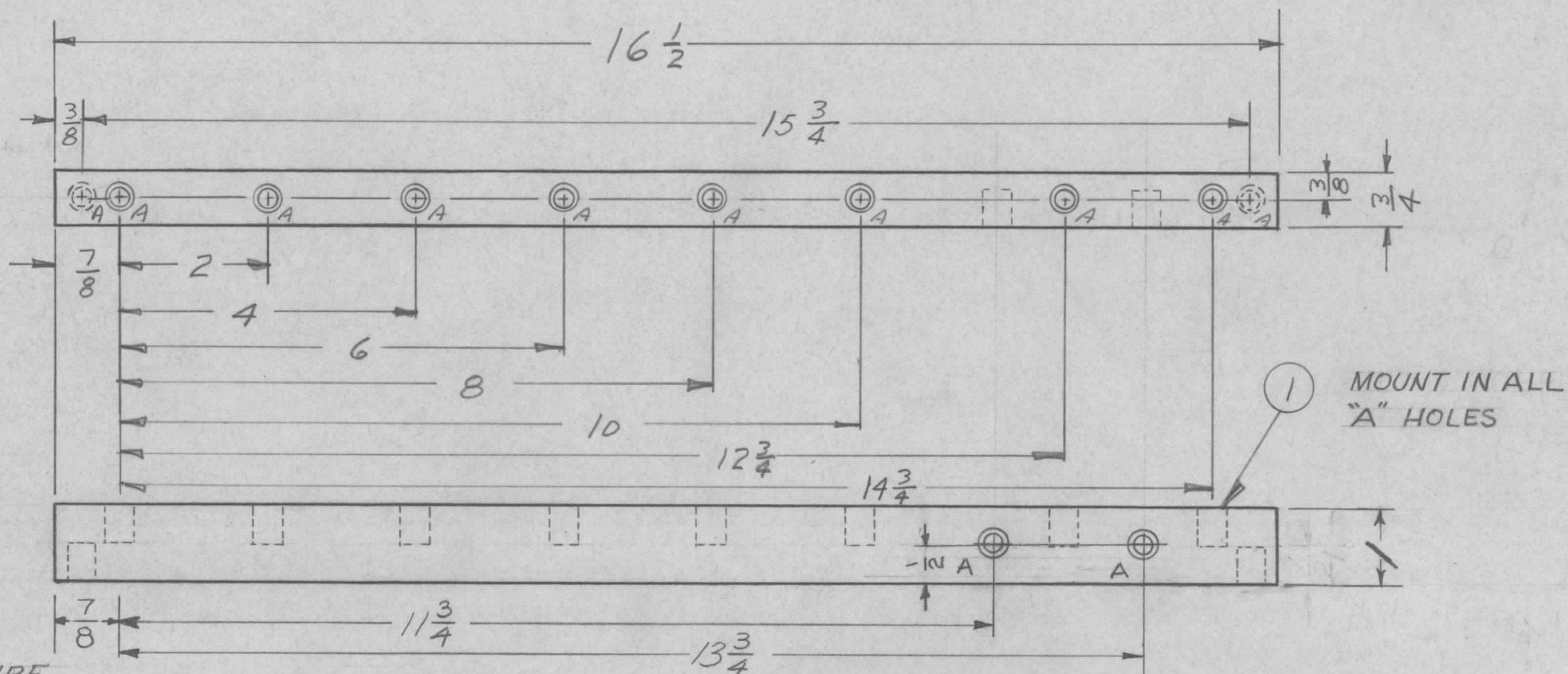
1 EA.	BCT-10KA	
QTY / UNIT	MODEL USED ON	ASS'Y NO.
APPLICATION		
	CODE A	5401-451
<p><b>NOTICE TO PERSONS RECEIVING THIS DRAWING</b>          THE TECHNICAL MATERIEL CORPORATION claims proprietary right in the material disclosed hereon. This drawing is issued in confidence for engineering information only and may not be reproduced or used to manufacture anything shown hereon without permission from THE TECHNICAL MATERIEL CORPORATION to the user. This drawing is loaned for mutual assistance and is subject to recall at any time.</p>		

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES	FINAL APPROVAL <i>[Signature]</i>	DATE 4-7-68
DECIMALS .X ± .05 .XX ± .01 .XXX ± .005	MECH. DES. <i>[Signature]</i>	DATE 4-2-68
FRACTIONS 1/64	ELECT. DES.	DATE
TOLS. ANGLES 0°-30'	CHECKED <i>[Signature]</i>	DATE 4-2-68
MATERIAL PHENOLIC (PAPER BASE) XXXP	DRAWN H.G.	DATE 10-9-67
FINISH BLACK		
S113 FUNGUS PROOF		

THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK			
STRIP, INSULATOR			
SIZE B	CODE IDENT. NO. 82679	DWG NO. PX1018	ISSUE 1
SCALE 1:1	SHEET OF		

SPX 1019 - A

REVISIONS					
SYM	DESCRIPTION	DATE	E.M.N. NO.	DRAFT	CHKD APPD
X	EXP. RELEASE	1-9-68	H	EMJ	WJ JB
XI	MATERIAL WAS 3/4 X 1 XXXP PHENOLIC	4/1/68	XI	JA	AP. Q23
Ø	ORIGINAL RELEASE FOR PRODUCTION	4/2/68	Ø	H.S.	JH
A	ADDED TWO "A" HOLES	2-18-69	19225	GE	JDe FB 818



**A HOLES PROCEDURE**

- 1 - DRILL  $\frac{13}{64}$  (.203) TO .552 MIN. DEPTH.
- 2 -  $120^\circ$  DEGREES COUNTERSINK .22 - .25 DIA.
- 3 - TAP .410 MIN. DEPTH, USE HELI-COIL TAP #3FPB
- 4 - INSTALL ITEM 1.
- 5 - BREAK OFF DRIVING TANG. (10 REQ.)

12	1	NT139 SF 1-20	INSERT, SCREW THREAD	A
REQ'D.	ITEM	PART NUMBER	DESCRIPTION	SYMBOL

F. BUDETTI LIST OF MATERIAL SK 3290-PX1002

MATERIAL 3/4 X 1 (G-10 EPOXY)

FINISH NATURAL

TITLE BOARD, MTG. RESISTOR

2	GPT-10KRL	
2	BCT-10KA	
Q'TY./UNIT	MODEL USED ON	ASS'Y. NO.
SCALE	CODE A	S401-451

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES		DRAWN <i>EMJ</i> DATE 3/JUL 67		FINAL APPROVAL <i>JB</i> DATE 4/3/68	
DECIMALS .X ± .05 .XX ± .01 .XXX ± .005		FRACTIONS ± 1/64 ANGLES ± 0° 30'		ELECT. DES. DATE	
TOLERANCES		MECH. DES. <i>AP.</i> DATE 4-2-68		SHEET	

**NOTES**

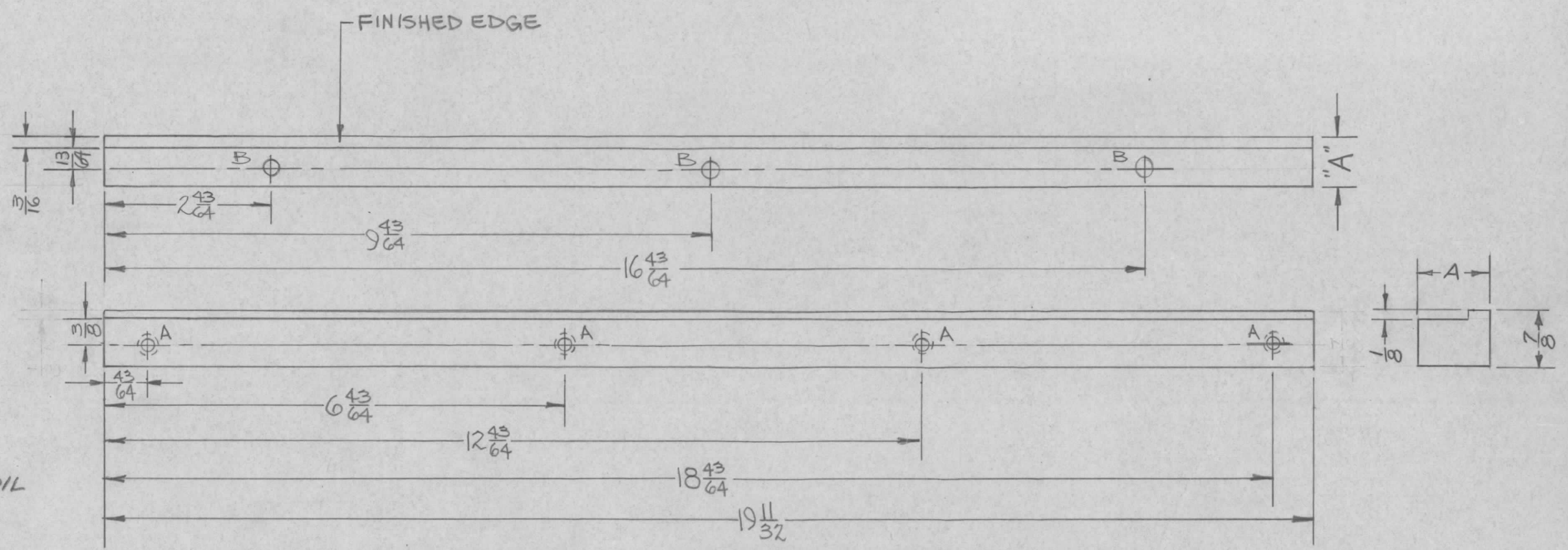
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PX1019 A

TMC P/N	"A" DIM.	DESCRIPTION
PX 1020-1	3/4	BOTTOM STRIP
PX 1020-2	19/32	TOP STRIP

SYM	DESCRIPTION	REVISIONS				
		DATE	E.M.N. NO.	DRAFT	CHKD	APPD
X1	REVISED <del>REDRAWN</del>	1-9-68	#	ENJ		
Ø	ORIGINAL RELEASE FOR PRODUCTION	4/2/68	Ø	HS		
A	TMC P/N WAS PX 2002-1, ON CHART	8-1-68	18969	HS		FB

PX 1020



- "A" HOLES PROCEDURE
1. DR#25 (.148) TO .488 MIN DEPTH.
  2. 120° C SINK .17-.20 DIA.
  3. TAP .310 MIN. DEPTH, USE HELI-COIL TAP #06CPA.
  4. INSTALL ITEM 1.
  5. BREAK OFF DRIVING TANG.

HOLE	DIA.	REQ.
A	SEE NOTES	4
B	1/64 DIA.	3

- 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

NOTES

1 EA	BCT10KA	
Q'TY./UNIT	MODEL USED ON	ASS'Y. NO.
SCALE DO NOT SCALE	CODE A	S401-451

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4	1	NT139 SC 06-20	INSERT, SCREW THEARD	A
REQ'D.	ITEM	PART NUMBER	DESCRIPTION	SYMBOL
BUDETTI LIST OF MATERIAL SK 3290-PX2002				
MATERIAL (PAPER BASE) XXXP PHENOLIC			THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
FINISH (BLACK) S113 FUNGUS PROOF			TITLE INSULATOR, TRIM STRIP TOP AND BOTTOM	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES			DRAWN A. PETROCCA	DATE 7-20-67
DECIMALS .X ± .05 .XX ± .01 .XXX ± .005			CHECKED <i>[Signature]</i>	DATE 4-2-68
FRACTIONS ± 1/64 ANGLES ± 0° 30'			ELECT. DES. <i>[Signature]</i>	DATE 4-2-68
TOLERANCES			MECH. DES. <i>[Signature]</i>	DATE 4-2-68
			FINAL APPROVAL <i>[Signature]</i>	DATE 4-3-68
			PX1020	A
			SHEET	REV. LTR.

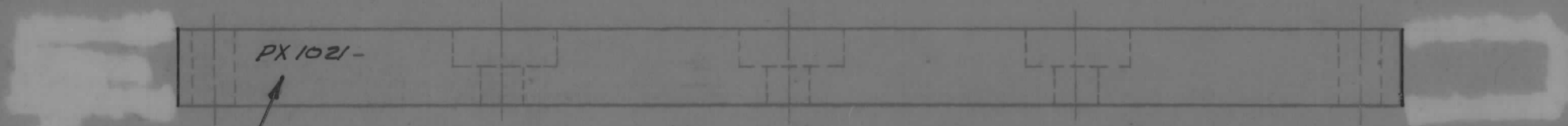
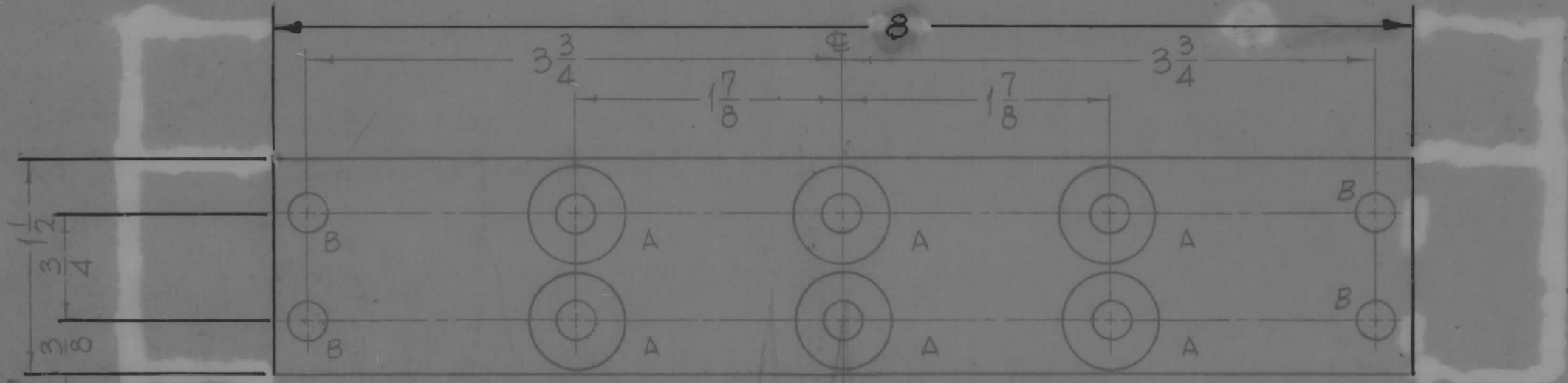
HOLES

A - DRILL 9/32 DIA THRU, C'BORE  
11/16 DIA. X 1/4 DEEP.  
B - 15/64 DIA.

REQ.  
6  
4

PX 1021

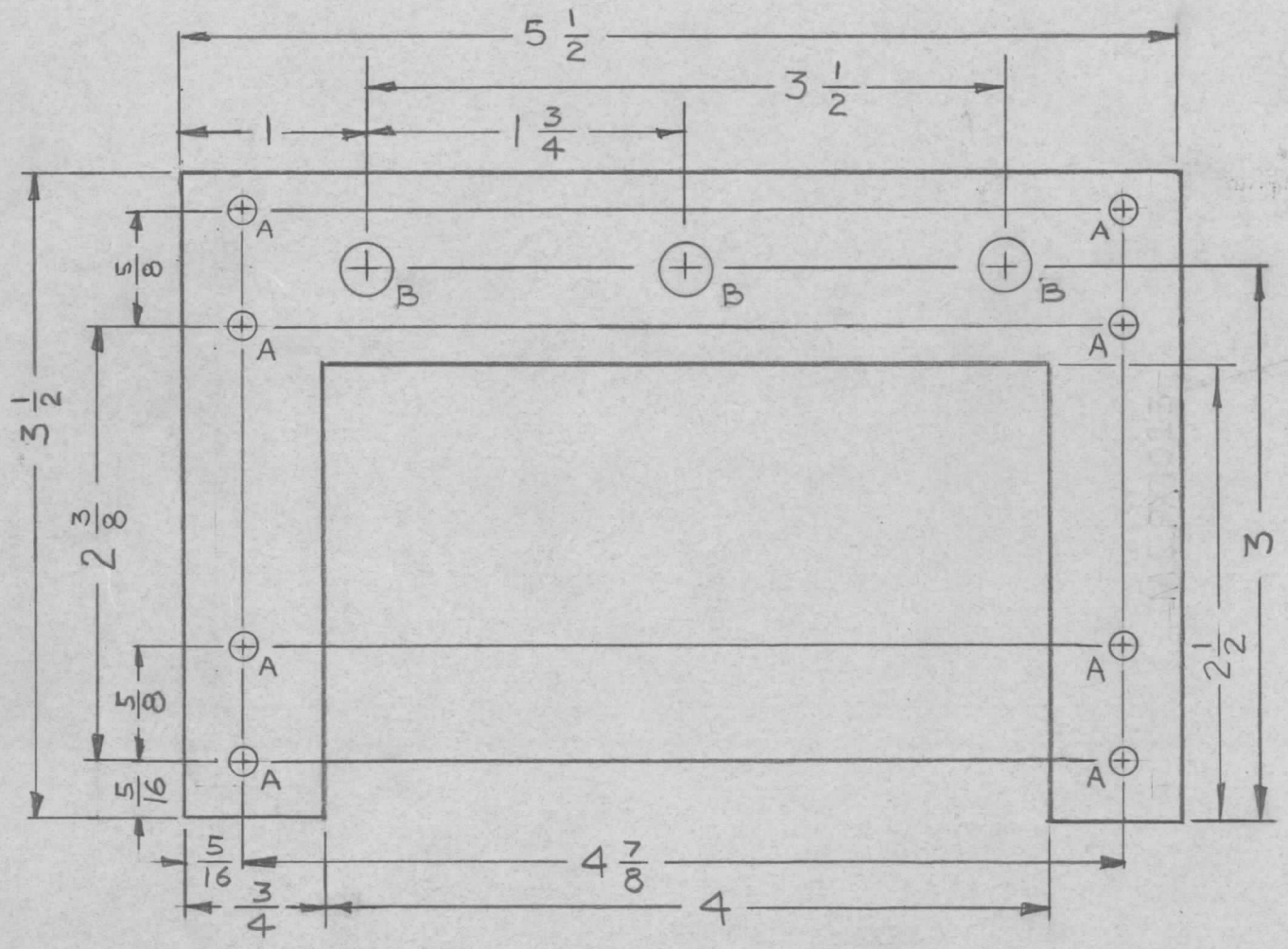
REVISIONS					
SYM	DESCRIPTION	DATE	E.M.N. NO.	DRAFT	CHKD
X	EXP. RELEASE	11/14/67		ENJ	
X1	QUANTITY WAS 2	4-2-69		RG	
Ø	ORIG RELEASE FOR PRODUCTION	1-9-69		RG	



STAMP TMC PART NO. 1/8 HIGH GOTHIC WITH LATEST REVISION LETTER.

REQ'D.		ITEM	PART NUMBER	DESCRIPTION	SYMBOL
		F. BUDETTI			LIST OF MATERIAL SK 3290-PX1001
MATERIAL		1/2 THICK PHENOLIC, X X XP			THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK
FINISH		NATURAL 5-113-FUNGUS RESISTANT VARNISH			TITLE
					BOARD, MTG, CAPACITOR
QTY./UNIT	MODEL USED ON	ASSY. NO.		DRAWN	DATE
1	BCT-10KA			BM	12 JUL 67
SCALE	CODE	ASSY. NO.		CHECKED	DATE
1" = 1"	A	5401-451		AP	4-2-68
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		X ± .05		± 1/64	
		XX ± .01		ANGLES	
		XXX ± .005		± 6° 30'	
NOTES		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES		ELECT. DES.	DATE
				AP	4-2-68
				MECH. DES.	DATE
				AP	4-2-68
				SHEET	REV. LTR.
					PX-1021

REVISIONS						
ZONE	LTR	DESCRIPTION	DATE	E.M.N.NO	DRAFT	CHKD APPD
	X	EXP. RELEASE	9-13-67		HG.	[Signature]
	Ø	ORIG. RELEASE FOR PROD	8/23/68	Ø	C.V.	[Signature]



HOLE	DESCRIPTION	REQ'D
A	9/64 DIA.	8
B	9/32 DIA.	3

REQ'D	ITEM	PART NUMBER	DESCRIPTION	SYM.
	F. BUDETTI LIST OF MATERIAL			
	THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK			
	BRACKET, INSULATOR			
	SIZE	CODE IDENT. NO.	DWG NO.	ISSUE
	B	82679	PX 1023	Ø
	SCALE	SHEET		OF
	1:1			

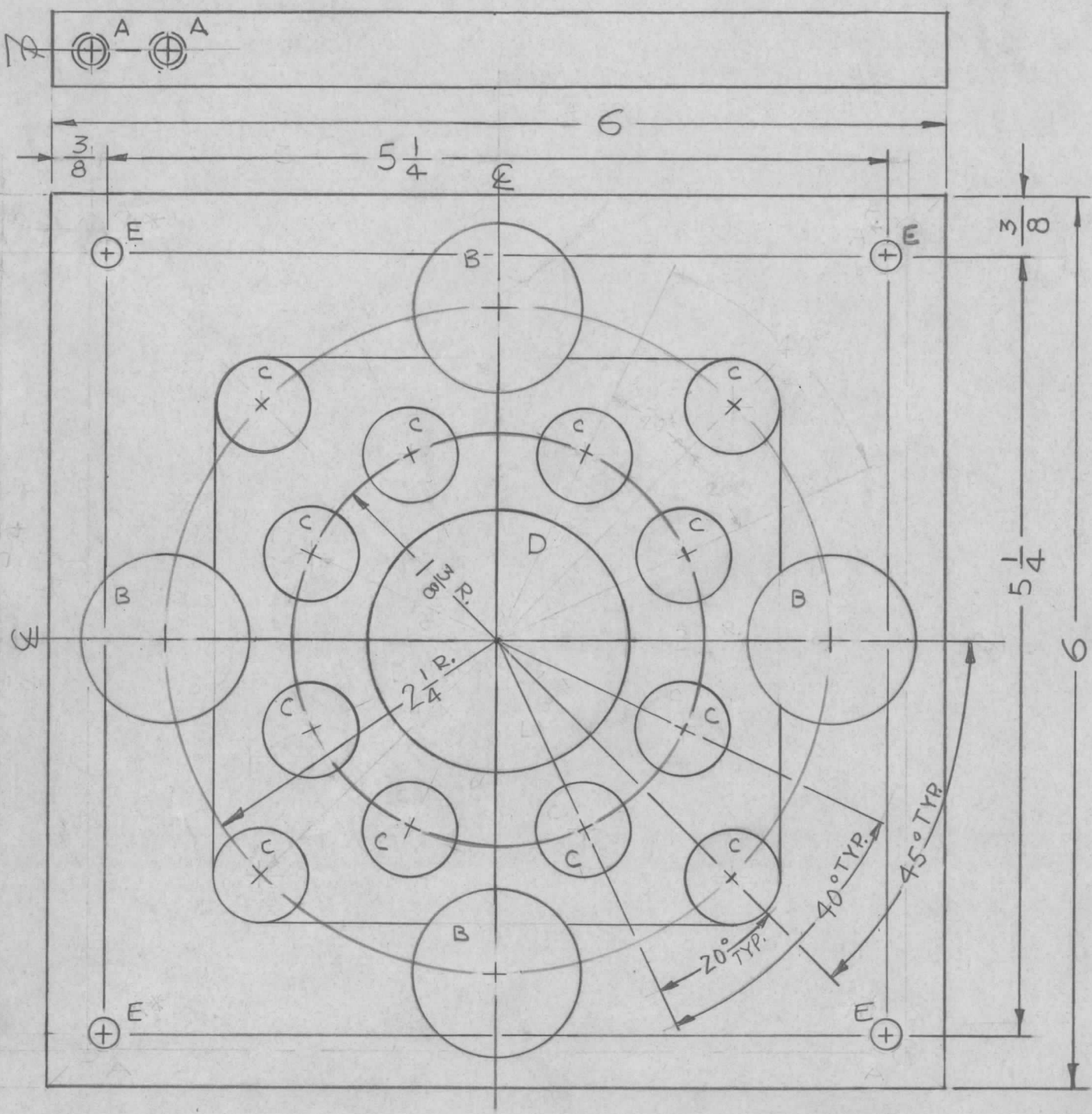
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES	FINAL APPROVAL [Signature] DATE 8/23/68
MECH. DES. T.T.	DATE 8/23/68
ELECT. DES. R.T.	DATE 8/23/68
CHECKED [Signature]	DATE 8/23/68
DRAWN H.G.	DATE 9-13-67

1	KIT-347	AP-129MOD
QTY / UNIT	MODEL USED ON	ASS'Y NO.
	APPLICATION	
	CODE A	5401-451
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DECIMALS .X ± .05 .XX ± .01 .XXX ± .005	FRACTIONS 1/64 ANGLES 0° .30'	TOLS.
MATERIAL 1/4 THK G 10 EPOXY		
FINISH S113 FUNGUS PROOF		



REVISIONS						
ZONE	LTR	DESCRIPTION	DATE	E.M.N.NO	DRAFT	CHKD APPD
	X	EXP. RELEASE	10.6.67		H.G.	
	X1	PX1025-2 ADDED	10-19-67		H.G.	
	X2	DRAWING WAS PX1025-1E2	10-30-67		H.G.	
	Ø	ORIGINAL RELEASE FOR PRODUCTION	4/2/68	Ø	H.G.	

HOLE	DESCRIPTION	REQ.
A	SEE NOTES	8
B	1-1/8 DIA.	4
C	5/8 DIA.	12
D	1-3/4 DIA.	1
E	13/64 DIA.	4

HOLE "A" NOTES

- 1- DRILL #16 (.174) TO .500 MIN. DEPTH
- 2-120 DEGREES C'SK TO .20-.23 DIA.
- 3-TAP .360 MIN. DEPTH, USE HELI-COIL TAP #2CPA
- 4-INSTALL ITEM 1. 3/4 TO 1-1/2 PITCH BELOW SURFACE
- 5-BREAK OFF DRIVING TANG.

PX1025-1	AS SHOWN	BOTTOM
* PX1025-2	EXCLUDE B & C HOLES	TOP

REQ'D	ITEM	PART NUMBER	DESCRIPTION	SYM.
12	1	NT139-SC08-20	SCREW, THREAD INSERT	A

F. BUDETTI LIST OF MATERIAL

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

PLATE, HOLDER, BOTTOM

SIZE	CODE IDENT. NO.	DWG NO.	ISSUE
B	82679	PX1025	Ø

SCALE SHEET OF

1	BCT-10KA	
QTY / UNIT	MODEL USED ON	ASS'Y NO.
APPLICATION		
	CODE	S401-451
	A	

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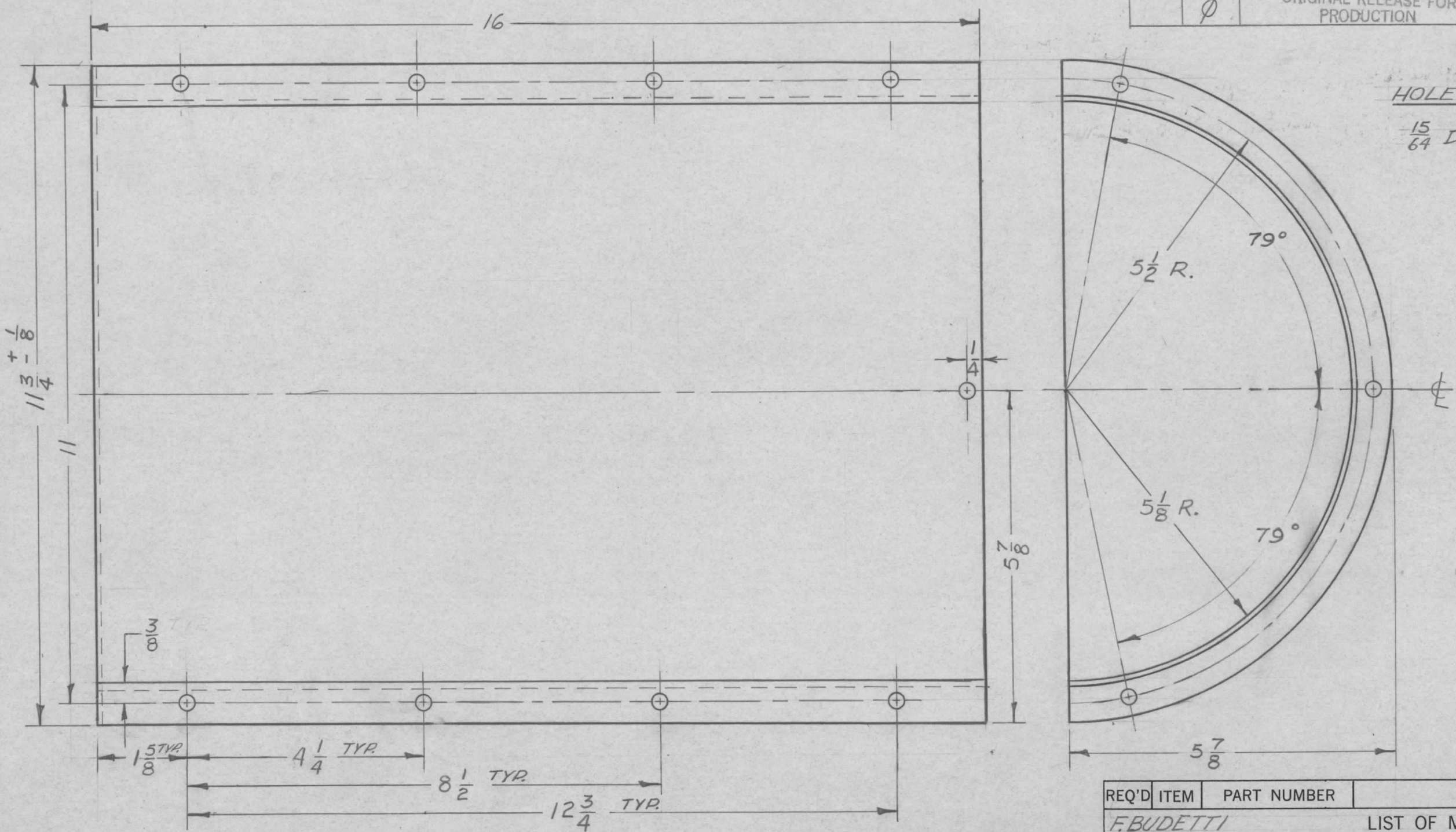
DECIMALS	FRACTIONS
.X ± .05	1/64
.XX ± .01	TOLS. ANGLES
.XXX ± .005	0° .30'

MATERIAL G-10 EPOXY

FINISH NATURAL S113 FUNGUS PROOF



REVISIONS							
ZONE	LTR	DESCRIPTION	DATE	E.M.N.NO	DRAFT	CHKD	APPD
	X	EXP. RELEASE	10/16/67		<i>Enf</i>	<i>[Signature]</i>	<i>ae</i>
	Ø	ORIGINAL RELEASE FOR PRODUCTION	4/2/68	Ø	<i>HG</i>		<i>[Signature]</i>



HOLES  
 $\frac{15}{64}$  DIA. (12 REQ.)

REQ'D	ITEM	PART NUMBER	DESCRIPTION	SYM.
	F. BUDETTI LIST OF MATERIAL			

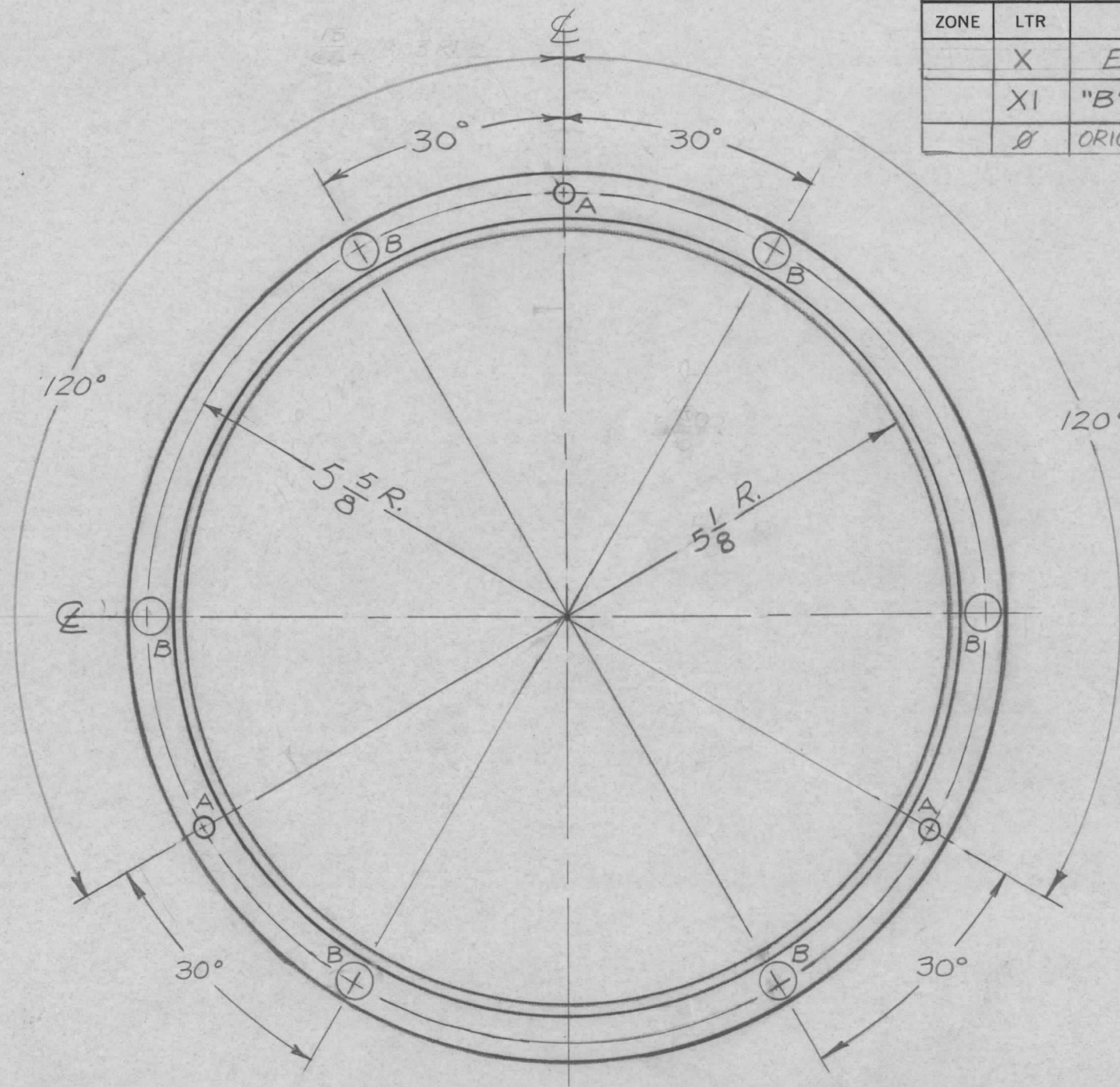
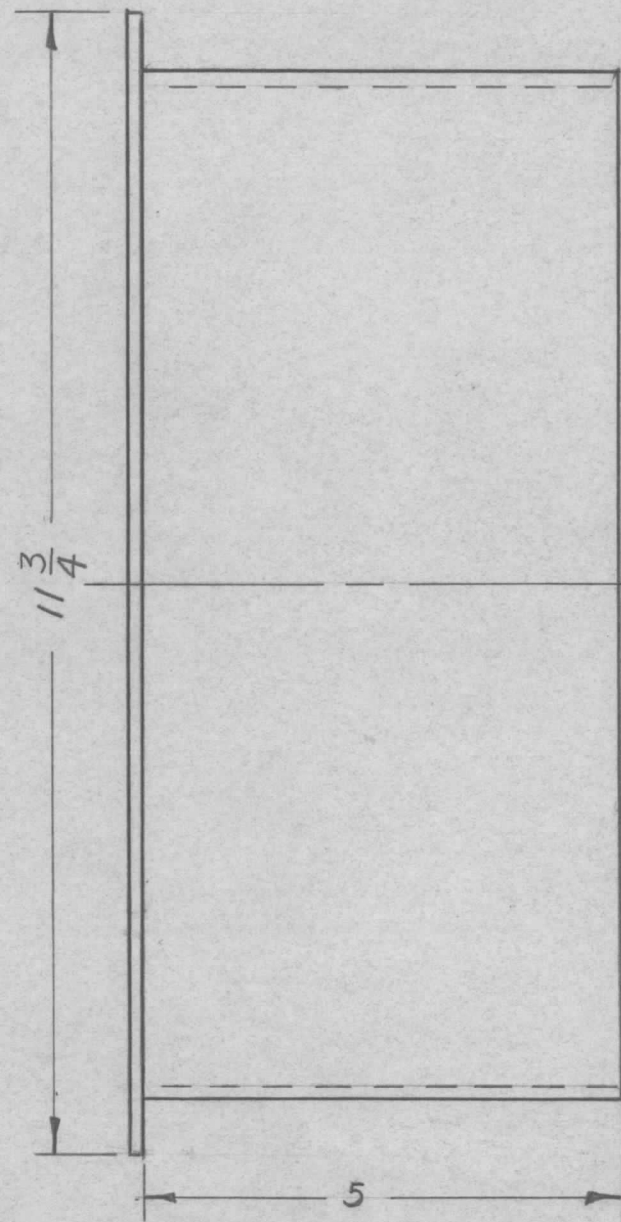
2	BCT-10KA	
QTY / UNIT	MODEL USED ON	ASS'Y NO.
APPLICATION		
	CODE A	S401-451

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES		FINAL APPROVAL <i>[Signature]</i>	DATE 4/15/68
DECIMALS .X ± .05 .XX ± .01 .XXX ± .005	FRACTIONS 1/64 ANGLES 0° - 30'	MECH. DES. <i>[Signature]</i>	DATE 4/15/68
MATERIAL 3 PLY FIBERGLASS		ELECT. DES. <i>EP</i>	DATE 4/15/68
FINISH GREY EPOXY PAINT		CHECKED <i>[Signature]</i>	DATE 4-2-68
		DRAWN <i>[Signature]</i>	DATE 10/16/67

THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK			
FLUE, SPLIT			
SIZE B	CODE IDENT. NO. 82679	DWG NO. PX 1026	ISSUE Ø
SCALE 1:2		SHEET OF	

- UNLESS OTHERWISE SPECIFIED:
- USE MATERIAL THICKNESS FOR MAXIMUM RADIUS ON ALL BENDS
  - ALL ANGULAR BENDS 90 DEGREES

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REVISIONS							
ZONE	LTR	DESCRIPTION	DATE	E.M.N.NO	DRAFT	CHKD	APPD
	X	EXP. RELEASE	10/17/67		<i>Emp</i>	<i>WJ</i>	<i>ie</i>
	XI	"B" HOLES ADDED	4.16.68	XI	<i>HS</i>	<i>WJ</i>	<i>OR</i>
	Ø	ORIG. RELEASE FOR PROD.	5.6.68	Ø	<i>R.G.</i>		<i>FW</i>

HOLE	DESCRIPTION	REQ
A	15/64 DIA.	3
B	1/2 DIA.	6

1	BCT-10KA	
QTY / UNIT	MODEL USED ON	ASS'Y NO.
APPLICATION		
	CODE A	S 401-451

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

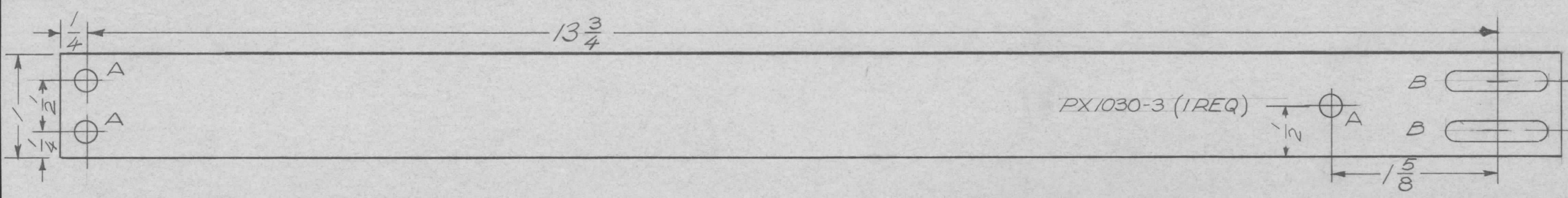
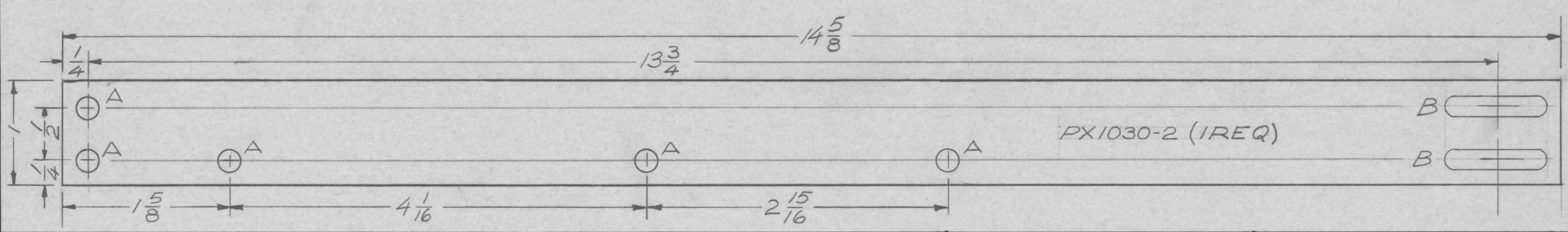
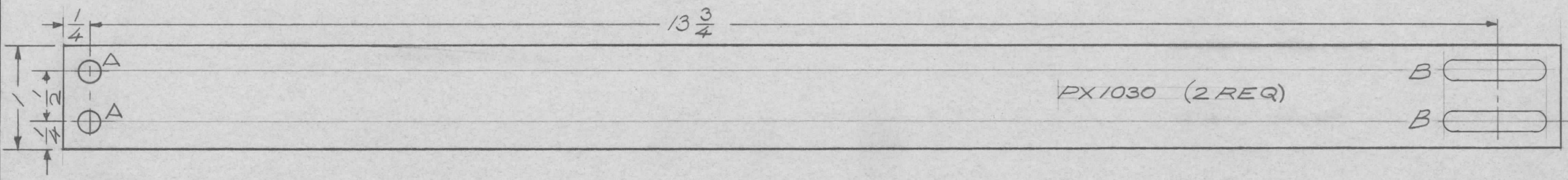
DECIMALS .X ± .05  
 .XX ± .01  
 .XXX ± .005

FRACTIONS 1/64  
 ANGLES 0° .30'

MATERIAL 3 PLY  
 FIBERGLASS  
 FINISH GREY EPOXY PAINT

REQ'D	ITEM	PART NUMBER	DESCRIPTION	SYM.
F. BUDETTI <i>FW</i> LIST OF MATERIAL				
FINAL APPROVAL <i>FW</i>			DATE	
MECH. DES. <i>T.F.</i>			DATE	
ELECT. DES. <i>R.G.</i>			DATE	
CHECKED <i>WJ</i>			DATE 4.16.68	
DRAWN <i>Emp</i>			DATE 10/17/67	
SIZE B	CODE IDENT. NO. 82679	DWG NO. PX 1027	ISSUE Ø	
SCALE 1:2		SHEET OF		

REVISIONS							
ZONE	LTR	DESCRIPTION	DATE	E.M.N.NO	DRAFT	CHKD	APPD
	B	REDRAWN W/REVISIONS	2-26-69	19/37	GE	JD	FB



TMC P/N	A HOLES		B HOLES	
	DIA	REQ	DIA	REQ
PX1030	13/64	2	3/16 X 1 SLOT	2
PX1030-2	13/64	5	3/16 X 1 SLOT	2
PX1030-3	13/64	3	3/16 X 1 SLOT	2

QTY / UNIT	MODEL USED ON	ASS'Y NO.
	BCT10KA	AX 700
APPLICATION		
	CODE	

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

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

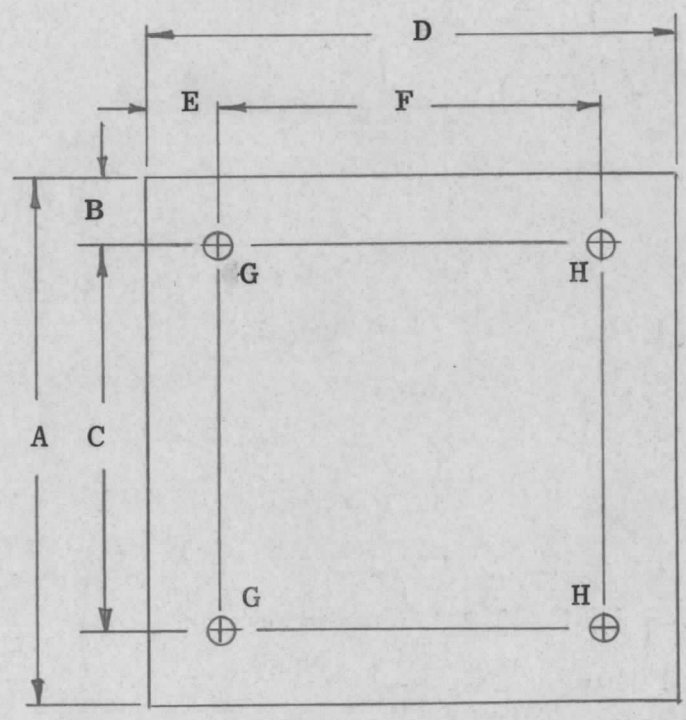
FRACTIONS 1/64 ANGLES 0° -30'

MATERIAL 1/4 THICK G10 EPOXY FINISH NATURAL FUNGUS PROOF S113

REQ'D	ITEM	PART NUMBER	DESCRIPTION	SYM.
BUDETTI LIST OF MATERIAL				
FINAL APPROVAL		DATE	THE TECHNICAL MATERIEL CORP.	
FB, EFM		4/1/68	MAMARONECK, NEW YORK	
MECH. DES.		DATE	BRACKETS, XFMR	
ASC		4/16/68	TIE DOWN	
ELECT. DES.		DATE	SIZE	CODE IDENT. NO.
CHECKED		DATE	B	82679
SG		4/1/68	DWG NO.	PX1030
DRAWN		DATE	ISSUE	B
EMJ		10/16/67	SCALE	SHEET OF

TMC P/N	A	B	C	D	E	F	G	H	MATERIAL	FINISH
PX1031-1	5-3/16	7/16	4-3/8	4	7/8	2-1/4	15/64	15/64	1/4 G-10 EPOXY	SI13 FUNGUS PROOF
PX1031-2	4	3/4	2 1/2	10/4	5/8	9	9/32	9/32	PHENOLIC 1/4 THICK	
PX1031-3	2	3/8	1 1/4	7	3/8	6 1/4	13/64	13/64	PHENOLIC 1/4 THICK	

REVISIONS						
ZONE	LTR	DESCRIPTION	DATE	E.M.N.NO	DRAFT	CHKD APPD
	X	REDRAWN & REV.	11-10-67	+	HY	DB
	Ø	ORIGINAL RELEASE FOR PRODUCTION	4/2/68	Ø	HZ	JWA
	A	PX1031-2 ADDED	5-27-69	19463	GE	FB
	B	PX1031-3 ADDED	5-5-70	21640	G.D.L.	K.M. P.B.



REQ'D	ITEM	PART NUMBER	DESCRIPTION	SYM.
		F. BUDETTI	LIST OF MATERIAL	SK 3290-PX1005

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

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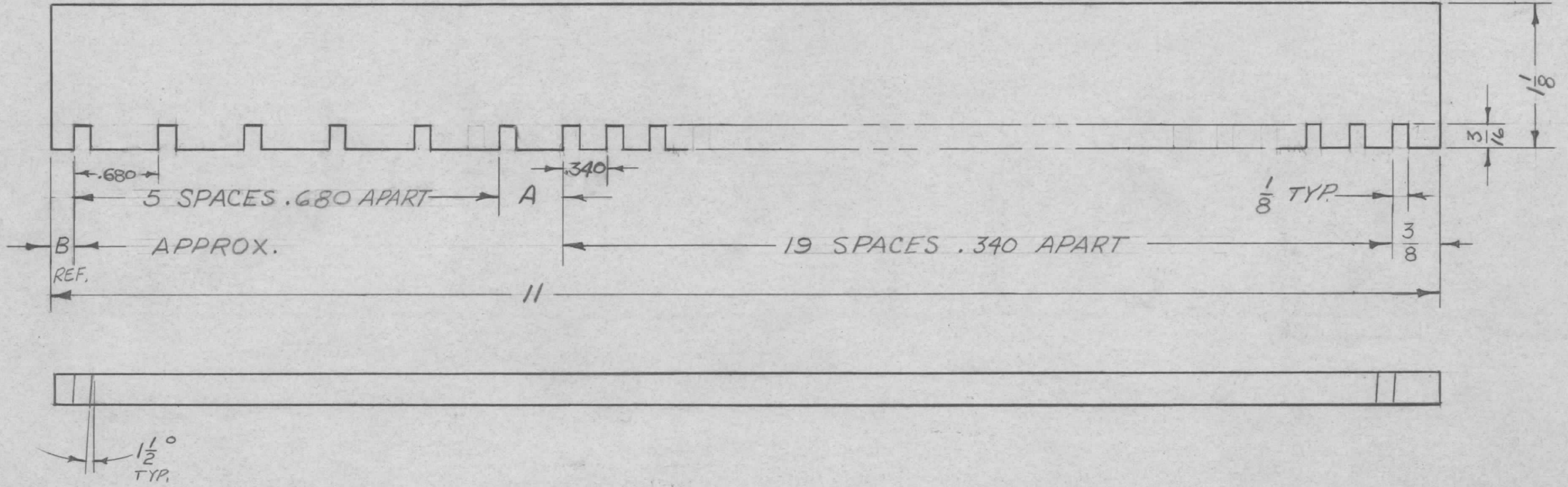
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES	
DECIMALS	FRACTIONS
.X ± .05	TOLS. 1/64
.XX ± .01	ANGLES 0° - 30'
.XXX ± .005	
MATERIAL	1/4 G-10
FINISH	NATURAL
	SI13 FUNGUS PROOF

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

THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK			
PLATE MTG CAP			
SIZE	CODE IDENT. NO.	DWG NO.	ISSUE
B	82679	PX1031	B
SCALE		SHEET OF	

TMC PT. NO.	A	B
PX1033-1	.340	$\frac{27}{64}$
PX1033-2	.425	$\frac{11}{32}$
PX1033-3	.510	$\frac{1}{4}$
PX1033-4	.595	$\frac{11}{64}$

REVISIONS							
ZONE	LTR	DESCRIPTION	DATE	E.M.N.NO	DRAFT	CHKD	APPD
	X	EXP. RELEASE	10/9/67		<i>Entf</i>	<i>SR</i>	<i>DB</i>
	$\emptyset$	ORIG. RELEASE FOR PROD.	5.10.68	$\emptyset$	R.G.		<i>SR</i>



1 EA	BCT-10KA	
QTY / UNIT	MODEL USED ON	ASS'Y NO.
APPLICATION		
	CODE A	S401-451

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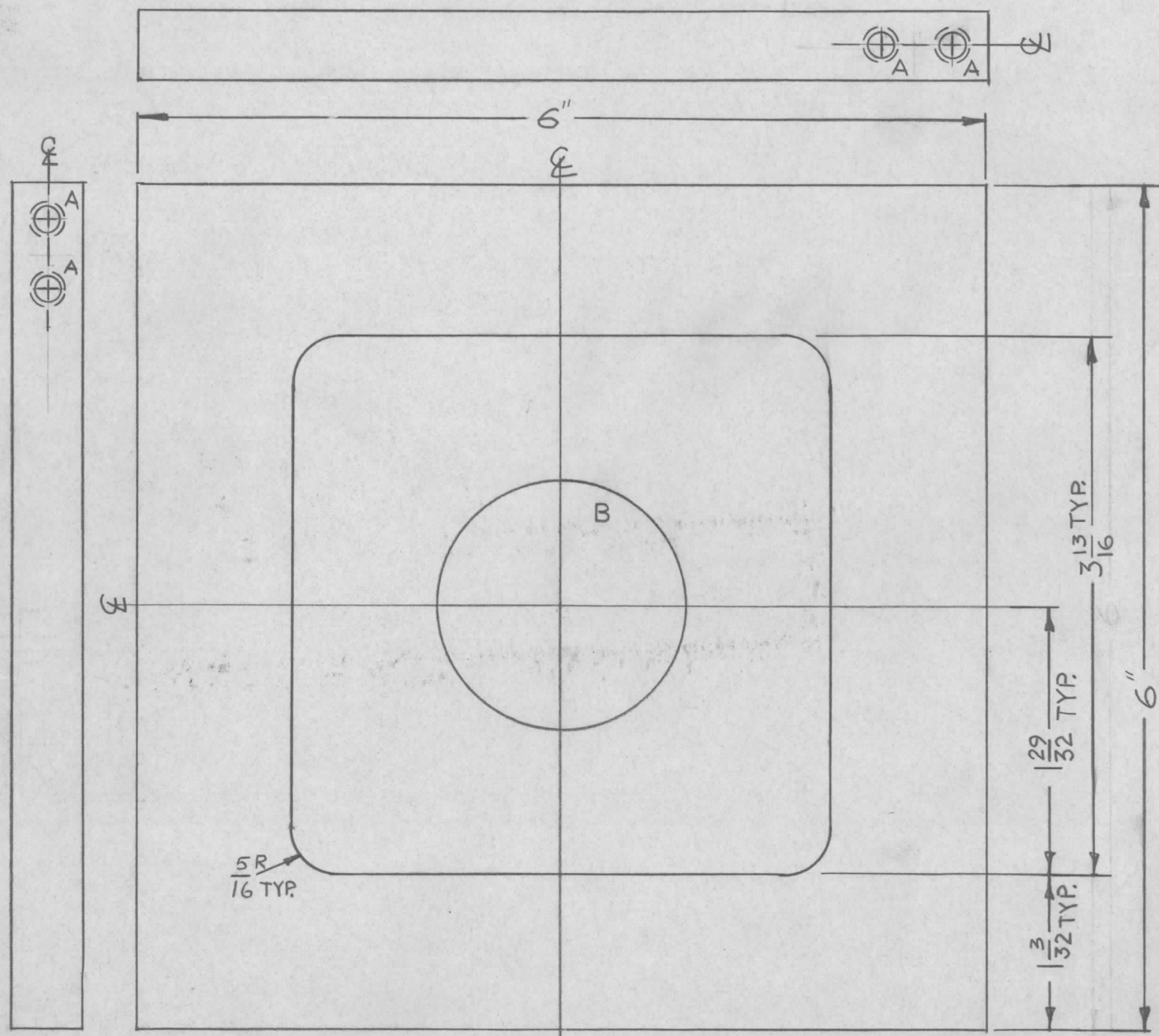
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES

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

MATERIAL  $\frac{1}{4}$  THK. TEFLON (TFE)

FINISH NATURAL

REQ'D	ITEM	PART NUMBER	DESCRIPTION	SYM.
		F. BUDETTI	LIST OF MATERIAL	
			THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
			SPACER, COIL	
			SIZE B	
			CODE IDENT. NO. 82679	
			DWG NO. PX1033	
			ISSUE $\emptyset$	
			SCALE 1:1	
			SHEET OF	



REVISIONS						
ZONE	LTR	DESCRIPTION	DATE	E.M.N.NO	DRAFT	CHKD APPD
	X	EXP. RELEASE	10-30-67		HG.	me
	Ø	ORIG. RELEASE FOR PROD.	5-1-68	Ø	R.G.	me

HOLE	DESCRIPTION	REQ
A	SEE NOTES	8
B	1-3/4 DIA.	4

HOLE "A" NOTES

- 1- DRILL #16 (.174) TO .500 MIN. DEPTH
- 2- 120 DEGREES C'SK TO .20-.23 DIA.
- 3- TAP .360 MIN. DEPTH. USE HELI-COIL TAP #2CPA
- 4- INSTALL ITEM 1. 3/4 TO 1-1/2 PITCH BELOW SURFACE
- 5- BREAK OFF DRIVING TANG.

REQ'D	ITEM	PART NUMBER	DESCRIPTION	SYM.
12	1	NT139-SC08-20	SCREW, THREAD INSERT	A

F. BUDETTI

LIST OF MATERIAL

THE TECHNICAL MATERIEL CORP.  
MAMARONECK, NEW YORK

PLATE, HOLDER, TOP

SIZE	CODE IDENT. NO.	DWG NO.	ISSUE
B	82679	PX1036	Ø

SCALE \_\_\_\_\_ SHEET \_\_\_\_\_ OF \_\_\_\_\_

1	BCT-10KA	
QTY / UNIT	MODEL USED ON	ASS'Y NO.
APPLICATION		
	CODE A	S401-451

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

FRACTIONS 1/64 ANGLES 0° -30'

MATERIAL 6-10 EPOXY

FINISH NATURAL SI13 FUNGUS PROOF

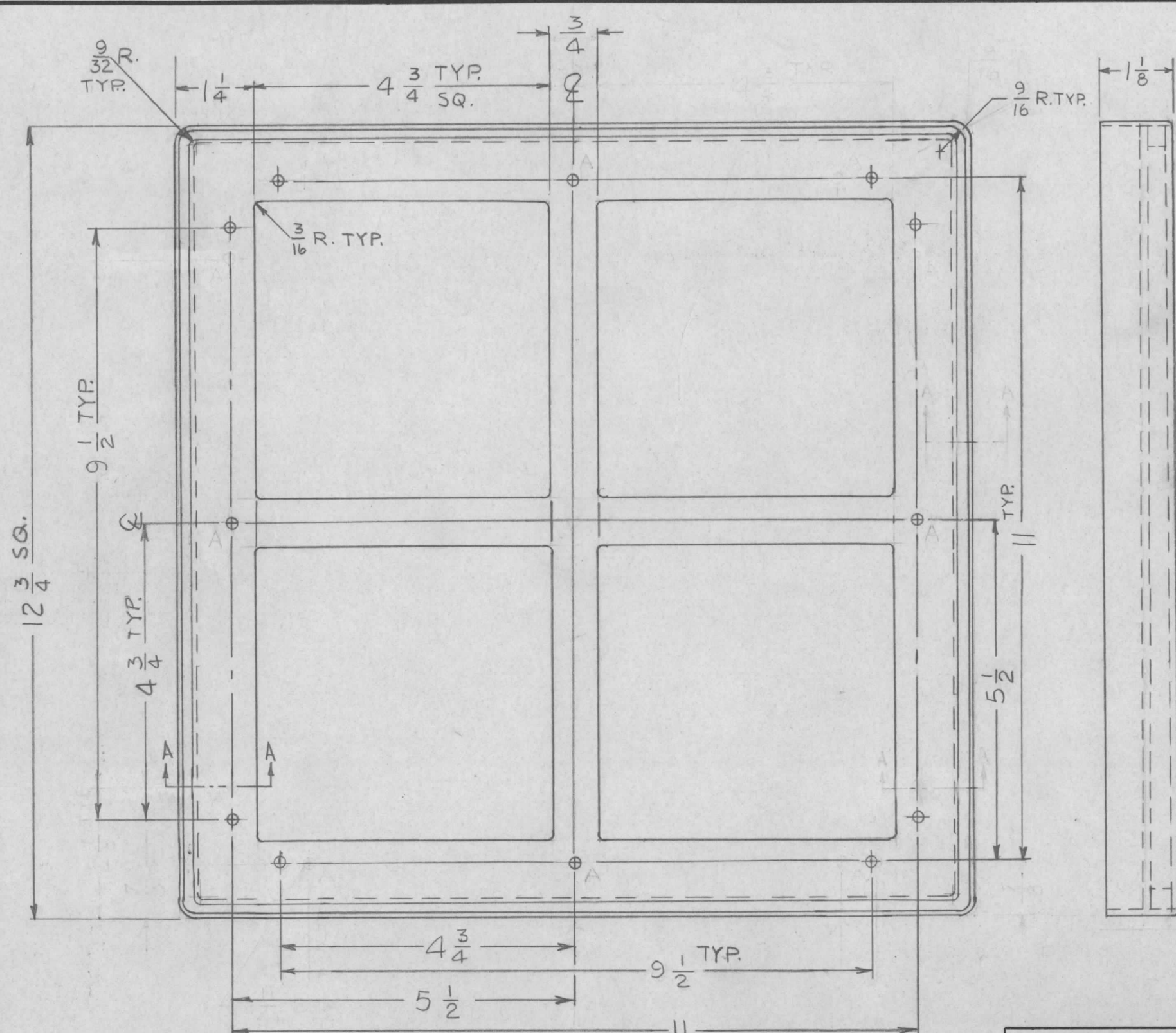
FINAL APPROVAL \_\_\_\_\_ DATE \_\_\_\_\_

MECH. DES. \_\_\_\_\_ DATE \_\_\_\_\_

ELECT. DES. \_\_\_\_\_ DATE \_\_\_\_\_

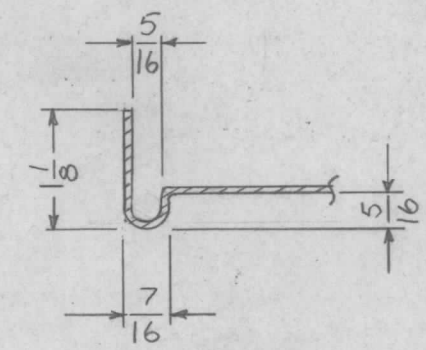
CHECKED \_\_\_\_\_ DATE 4-30-68

DRAWN HG. DATE 10-30-67



REVISIONS						
ZONE	LTR	DESCRIPTION	DATE	E.M.N.NO	DRAFT	CHKD APPD
	X	EXP. RELEASE	12-11-67	+	Hg.	
	Ø	ORIGINAL RELEASE	1/18/69	Ø		

HOLES:  
11/64 DIA. 12 REQ.



SECTION A.A.

NOTE:  
ALL DIMENSION FOR REF ONLY  
USE TMC MOLD FOR FABRICATION

1	TRC-20KA	
QTY / UNIT	MODEL USED ON	ASS'Y NO.
APPLICATION		
	CODE A	S401-451

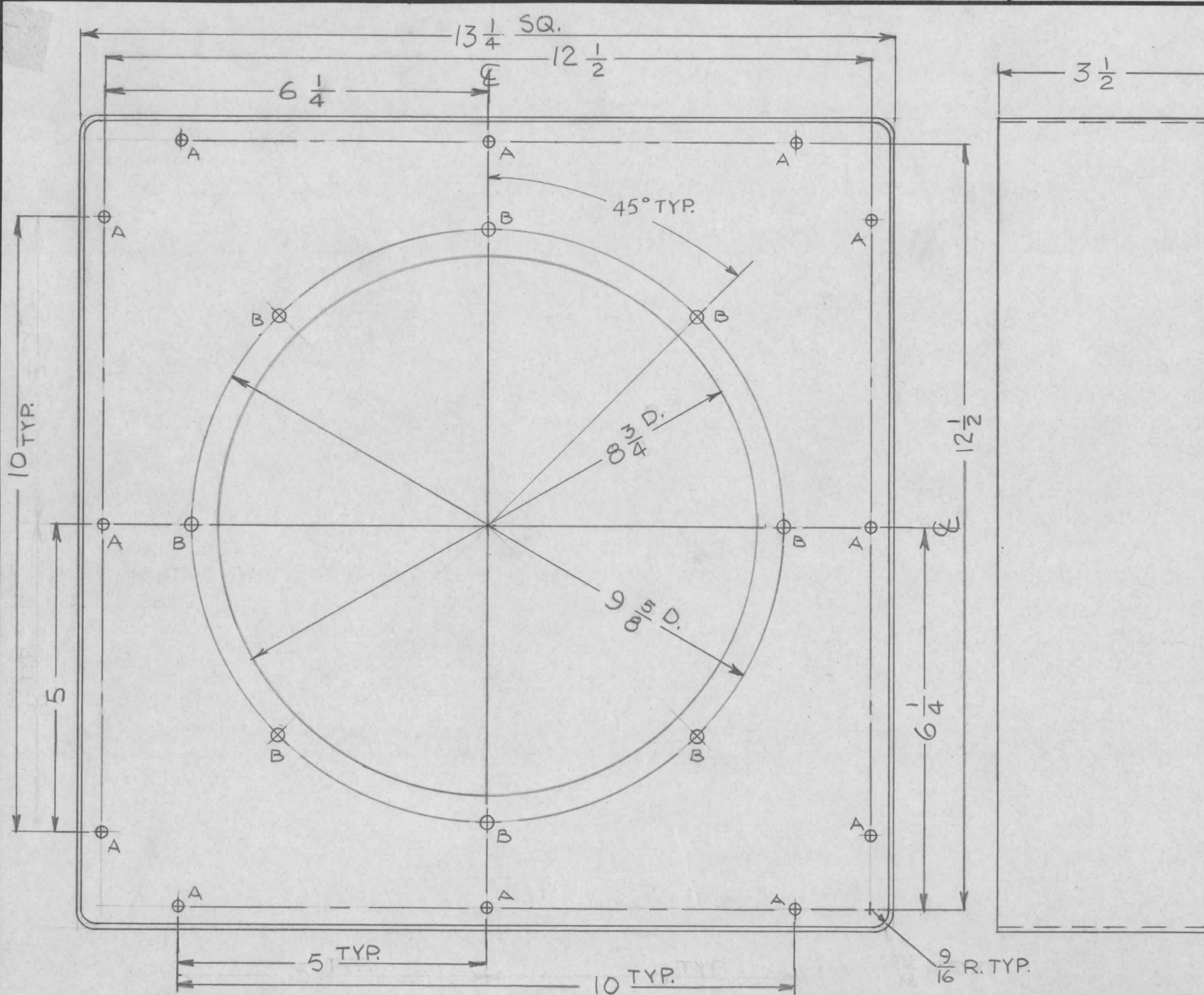
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DECIMALS	FRACTIONS
.X ± .05	1/64
.XX ± .01	TOLS. ANGLES
.XXX ± .005	0° -30'

MATERIAL 1/16 THICK FIBERGLASS  
FINISH S115-5 SMOOTH EPOXY GRAY ENAMEL

REQ'D	ITEM	PART NUMBER	DESCRIPTION	SYM.
		F. BUDETTI	LIST OF MATERIAL	SK 003187-090
FINAL APPROVAL		DATE	THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
MECH. DES.		DATE		
ELECT. DES.		DATE		
CHECKED		DATE		
DRAWN		DATE	BASE, HOOD, LEFT SIDE	
SIZE	CODE IDENT. NO.	DWG NO.	ISSUE	
B	82679	PX 1043	Ø	
SCALE 1:2		SHEET		OF



REVISIONS						
ZONE	LTR	DESCRIPTION	DATE	E.M.N.NO	DRAFT	CHKD APPD
	X	EXP. RELEASE	12-11-67	+	Heg.	[Signature]
	Ø	ORIGINAL RELEASE	8/8/69	Ø		

HOLE	DESCRIPTION	REQ
A	11/64 DIA.	12
B	13/64 DIA.	8

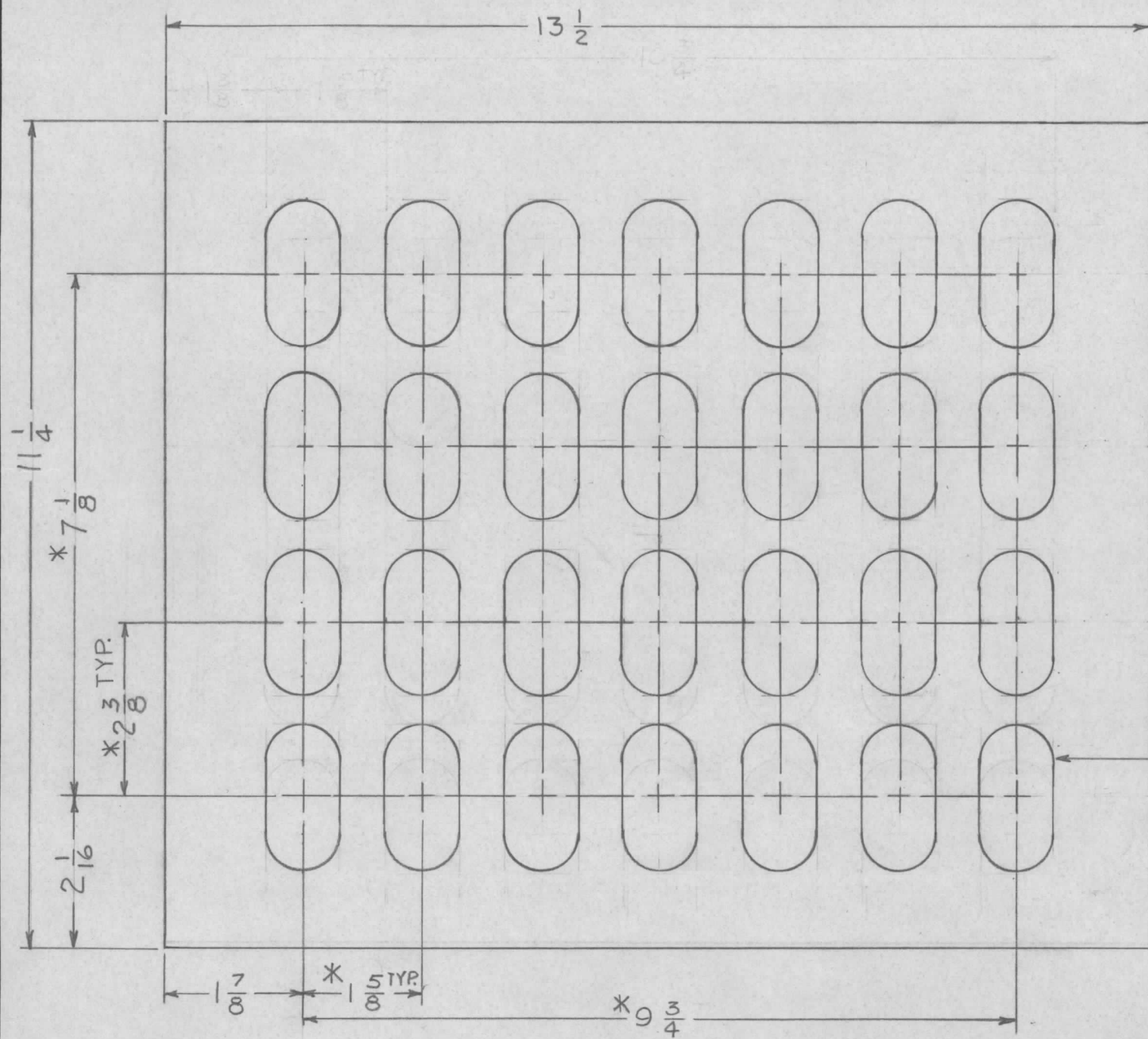
NOTE:  
ALL DIMENSION FOR REF ONLY  
USE TMC MOLD FOR FABRICATION

1	TRC-20KA	
QTY / UNIT	MODEL USED ON	ASS'Y NO.
APPLICATION		
	CODE A	S401-451
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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 1/16 THICK FIBERGLASS	
FINISH S115-SMOOTH E POXP GRAY ENAMEL	

REQ'D	ITEM	PART NUMBER	DESCRIPTION	SYM.
	F. BUDETTI		LIST OF MATERIAL	SK003187-090
FINAL APPROVAL		DATE	THE TECHNICAL MATERIEL CORP.	
MECH./DES.		DATE	MAMARONECK, NEW YORK	
ELECT. DES.		DATE	BASE, HOOD, RIGHT SIDE	
CHECKED		DATE		
DRAWN		DATE		
SIZE	CODE IDENT. NO.	DWG NO.	ISSUE	
B	82679	PX1044	Ø	
SCALE 1:2		SHEET OF		





REVISIONS						
ZONE	LTR	DESCRIPTION	DATE	E.M.N.NO	DRAFT	CHKD APPD
	X	EXP. RELEASE	12-11-67	+	H.S.	W. OR
	Ø	ORIGINAL RELEASE	8/8/69	Ø	CV	

\*TOL. NON ACCUMULATIVE

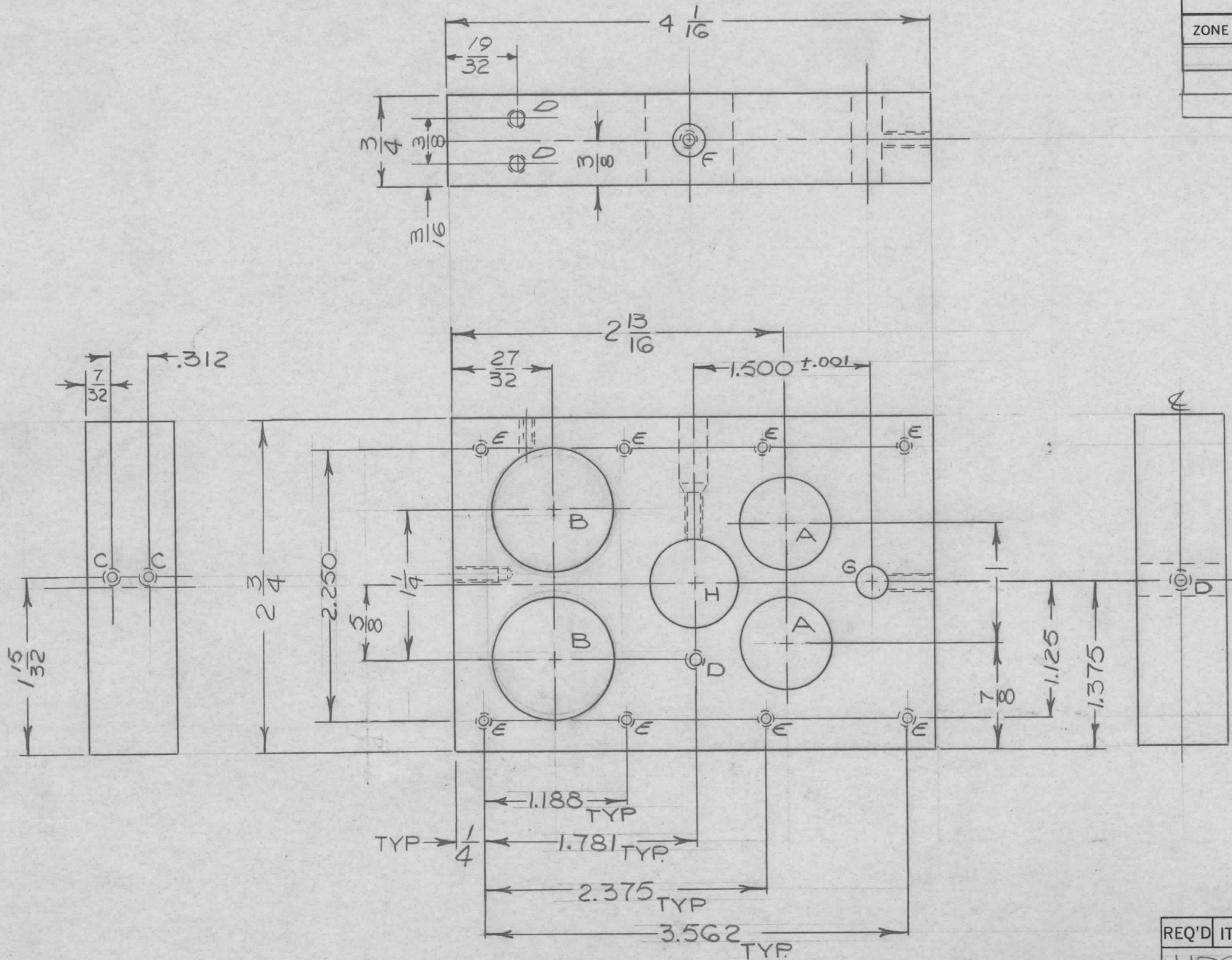
I	TRC-20KA	
QTY / UNIT	MODEL USED ON	ASS'Y NO.
APPLICATION		
	CODE A	S401-451

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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 FIBERGLASS	
FINISH S115-SMOOTH GRAY ENAMEL	

X	1	SN104-4	SCREEN, TOP SHLD	
REQ'D	ITEM	PART NUMBER	DESCRIPTION	SYM.
F. BUDETTI			LIST OF MATERIAL	SK003187-090

FINAL APPROVAL S.M. [Signature] [Signature]		DATE 8/8/69	THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
MECH. DES.	DATE	COVER, PROTECTIVE		
ELECT. DES.	DATE			
CHECKED	DATE			
DRAWN H.S.	DATE 12-11-67	SIZE B	CODE IDENT. NO. 82679	DWG NO. PX1046
SCALE 1:2		SHEET		OF



REVISIONS							
ZONE	LTR	DESCRIPTION	DATE	E.M.N.NO	DRAFT	CHKD	APPD
	X	EXP. RELEASE	1-22-68				
	Ø	ORIG. RELEASE FOR PROD	11/7/68	Ø			
	A	ADDED "2" D HOLES	3/20/69	19367	GE		

HOLE	DESCRIPTION	REQ'D
A	3/4" DIA.	2
B	1" DIA.	2
C	NO.43(.0890) DR. 1/2 LG TAP 4-40 NC-2B x 3/8 DP.	2
D	NO.36(.1065) DRILL TAP 6-32 NC-2B (THRU)	4
E	NO.29(.1360) DRILL TAP 8-32 NC-2B (THRU)	8
F	1/4" DRILL x 5/8 DP NO.36(.1065) DRILL TAP 6-32 NC-2B (THRU)	1
G	.2495 ± .0005 DIA. REAM	1
H	.7000 ± .0005 DIA. REAM	1

MTC  
LINED BASE PHENOLIC

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

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

FRACTIONS  
1/64  
ANGLES  
0° - 30'

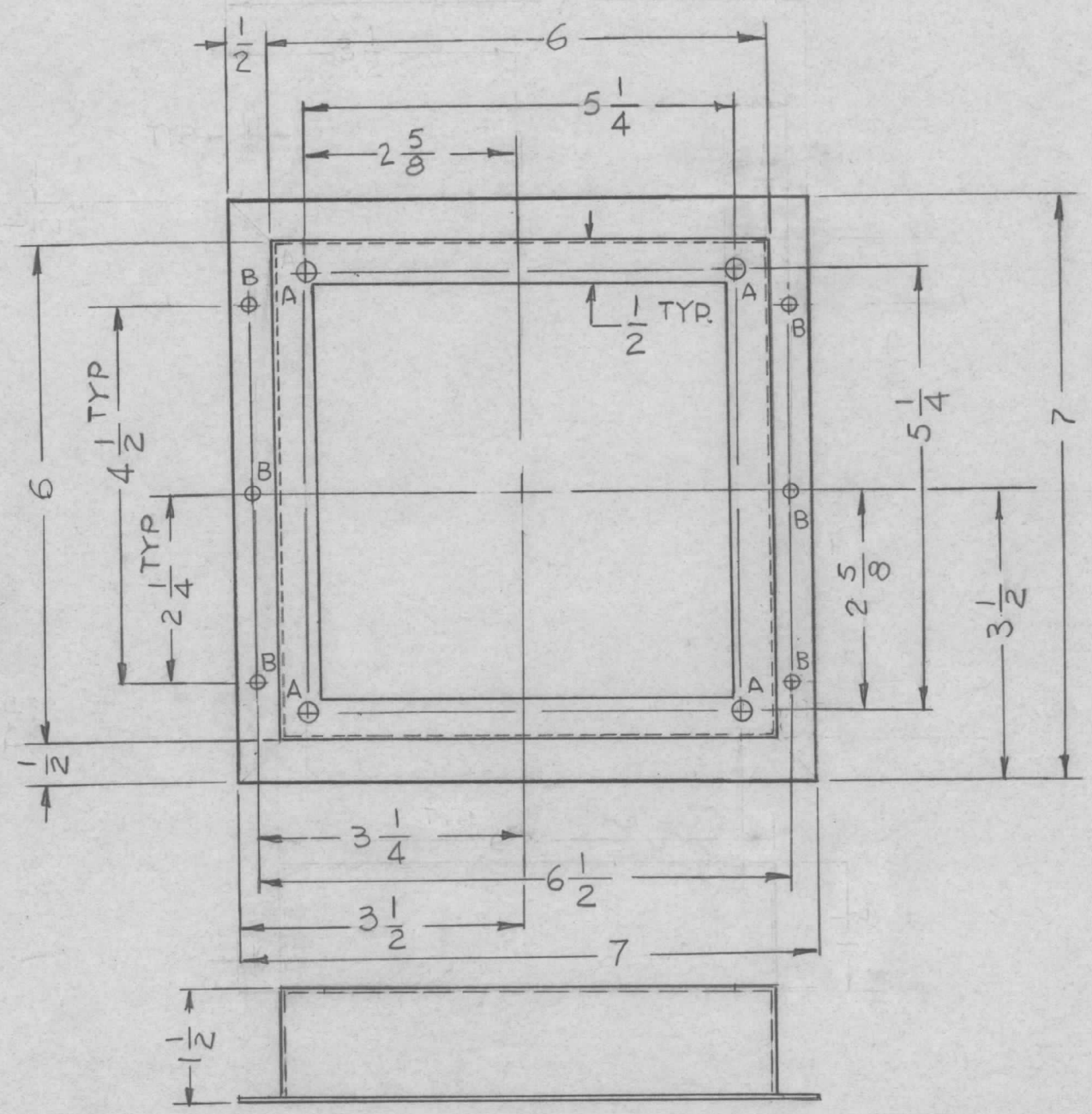
TOLS.

MATERIAL  
LINED BASE  
XXXP PHENOLIC  
FINISH NATURAL  
SIB FUNGUS PROOF

REQ'D	ITEM	PART NUMBER	DESCRIPTION	SYM.
	HOGAN LIST OF MATERIAL SK3252-003-47			
	THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK			
	TEE BAR, SLUG OPER.			
	SIZE	CODE IDENT. NO.	DWG NO.	ISSUE
	B	82679	PX1050	A
SCALE 1:1			SHEET OF	

FINAL APPROVAL  
DATE 11/7/68  
MECH. DES.  
M. ZETENA  
ELECT. DES.  
CHECKED SG DATE 1/23/69  
DRAWN DATE 1-22-68

REVISIONS						
ZONE	LTR	DESCRIPTION	DATE	E.M.N.NO	DRAFT	CHKD APPD
	X	EXP. RELEASE	3-28-68		G.D.L.	<i>[Signature]</i>
	Ø	ORIG. RELEASE FOR PROD	4-15-68		R.G.	



HOLE	DESCRIPTION	REQ
A	13/64 DIA	4
B	11/64 DIA	6

1	BCT-10KA	AX680
QTY / UNIT	MODEL USED ON	ASS'Y NO.
APPLICATION		
	CODE	S401-451
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DECIMALS .X ± .05 .XX ± .01 .XXX ± .005

FRACTIONS 1/64 ANGLES 0° 30'

TOLS.

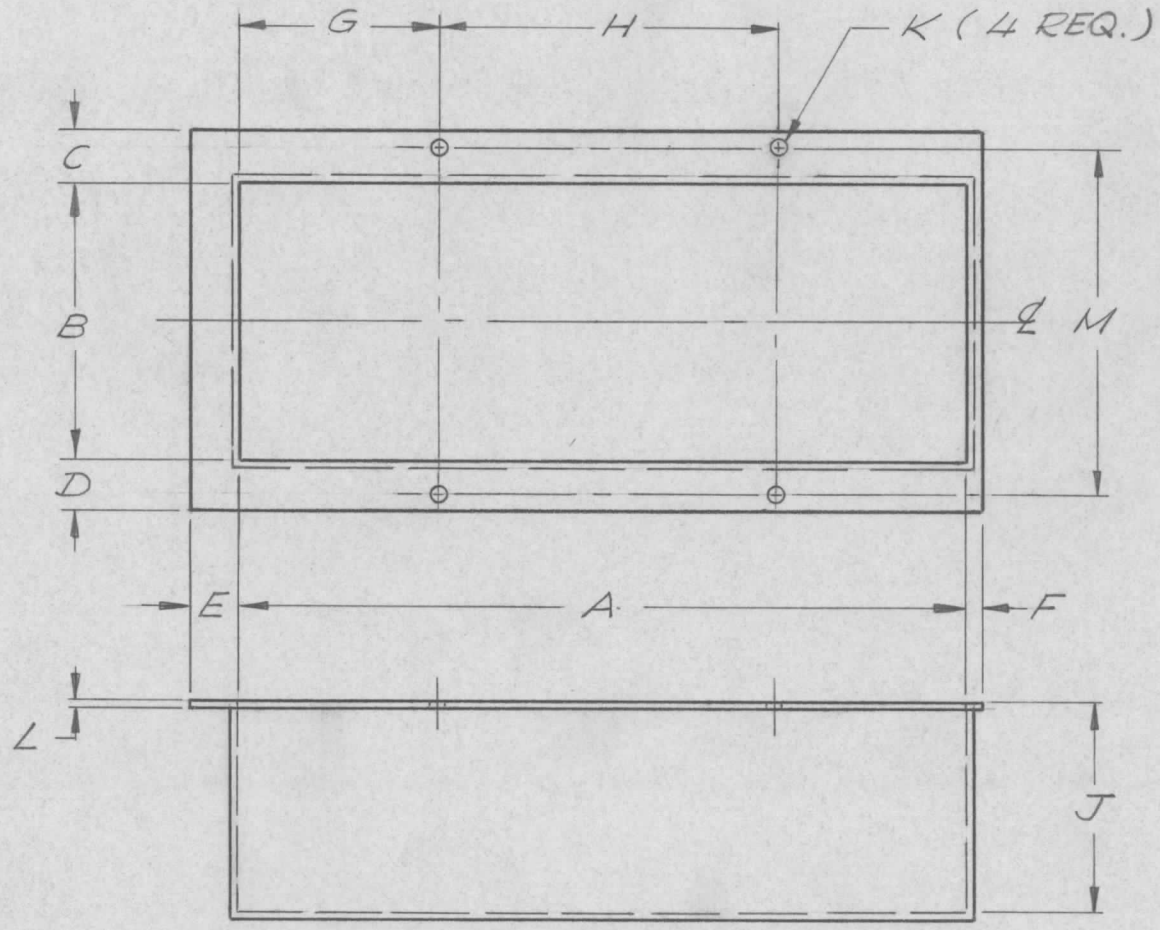
MATERIAL 3 LAYERS FIBERGLASS

FINISH GREY EPOXY PAINT

REQ'D	ITEM	PART NUMBER	DESCRIPTION	SYM.
F. BUDETTI LIST OF MATERIAL				
FINAL APPROVAL <i>[Signature]</i>			DATE 4/15/68	<b>THE TECHNICAL MATERIEL CORP.</b> MAMARONECK, NEW YORK  DUCT, MTG, OUTPUT COIL
MECH. DES. <i>[Signature]</i>			DATE 4-15-68	
ELECT. DES. <i>[Signature]</i>			DATE 4/15/68	
CHECKED <i>[Signature]</i>			DATE 4-1-68	
DRAWN G.D.L.			DATE 3-28-68	
SIZE	CODE IDENT. NO.	DWG NO.	ISSUE	
B	82679	PX1053	Ø	
SCALE	1:2	SHEET	OF	

TMC PART NO.	A	B	C	D	E	F	G	H	J	K	L <sup>+1/64</sup>	M	MATERIAL	FINISH
PX 1064 - 1	7/2	27/8	1/2	1/2	1/2	1/8	2/16	3/2	23/16	11/64	1/16	39/16	KUDEX ON EQUIV.	TMC GRAY

REVISIONS						
ZONE	LTR	DESCRIPTION	DATE	E.M.N.NO	DRAFT	CHKD APPD
	X	EXP. RELEASE	6/10/69		K.H.	J.D. J.B.
	Ø	ORIGINAL RELEASE	6-26-69		R.E.	M.C. J.B.



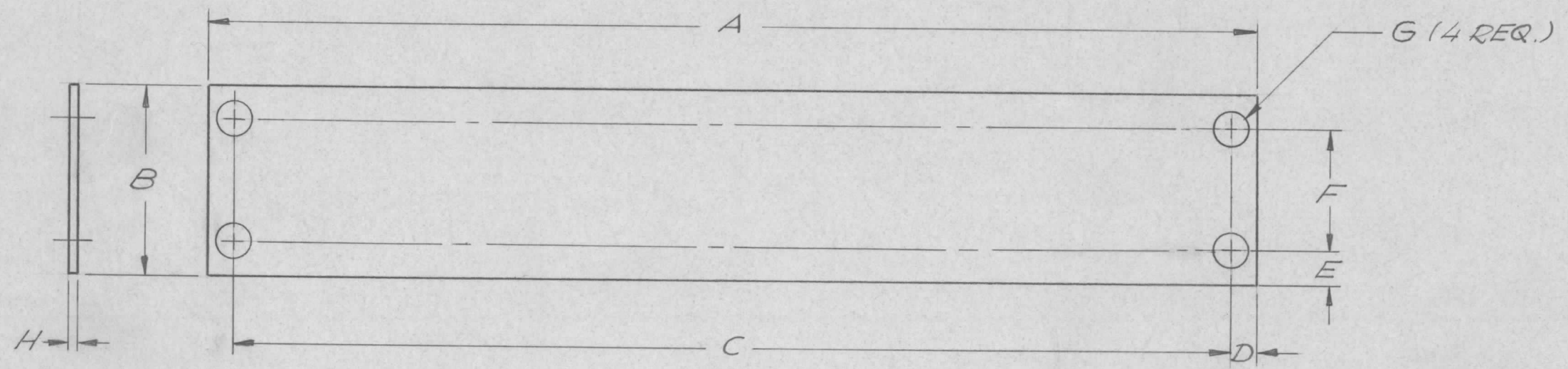
QTY / UNIT	7LAA-2.5K	A5497
APPLICATION		
CODE		
<p><b>NOTICE TO PERSONS RECEIVING THIS DRAWING</b>          THE TECHNICAL MATERIEL CORPORATION claims proprietary right in the material disclosed hereon. This drawing is issued in confidence for engineering information only and may not be reproduced or used to manufacture anything shown hereon without permission from THE TECHNICAL MATERIEL CORPORATION to the user. This drawing is loaned for mutual assistance and is subject to recall at any time.</p>		

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 SEE TABLE	
FINISH SEE TABLE	

REQ'D	ITEM	PART NUMBER	DESCRIPTION	SYM.
LIST OF MATERIAL				
<p>FINAL APPROVAL: <i>[Signature]</i> DATE: 6/27/69            MECH. DES.: <i>[Signature]</i> DATE: 6/27/69            ELECT. DES.:            CHECKED: <i>[Signature]</i> DATE: 6/10/69            DRAWN: <i>[Signature]</i> DATE: 6/10/69</p>				
<p>THE TECHNICAL MATERIEL CORP.            MAMARONECK, NEW YORK</p>				
COVER/BOX INSULATED				
SIZE	CODE IDENT. NO.	DWG NO.	ISSUE	
B	82679	PX 1064	Ø	
SCALE			SHEET OF	

TMC PART NO.	A	B	C	D	E	F	G	H	MATERIAL	MFG P/N
PX 1065 - 1	75/8	13/8	7/4	3/16	1/4	7/8	1/4 D.	1/32	CLEAR PLEXIGLASS	
PX 1065 - 2	75/8	13/8	7/4	3/16	1/4	7/8	1/4 D	1/16	CONTINUOUS VIEWING	5401-500 12885(LS60)UPL

REVISIONS							
ZONE	LTR	DESCRIPTION	DATE	E.M.N.NO	DRAFT	CHKD	APPD
	X	EXP. RELEASE	6/10/69			KH	JD
	Ø	ORIG RELEASE FOR PROD	7/1/69			CV	
	A	ADD -2 P/N	11/9/70	19701		KD	H 5.00



1	RTIH - 3	
1	RTIH - 4	
QTY / UNIT	MODEL USED ON	ASS'Y NO.
APPLICATION		
	CODE	
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UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES

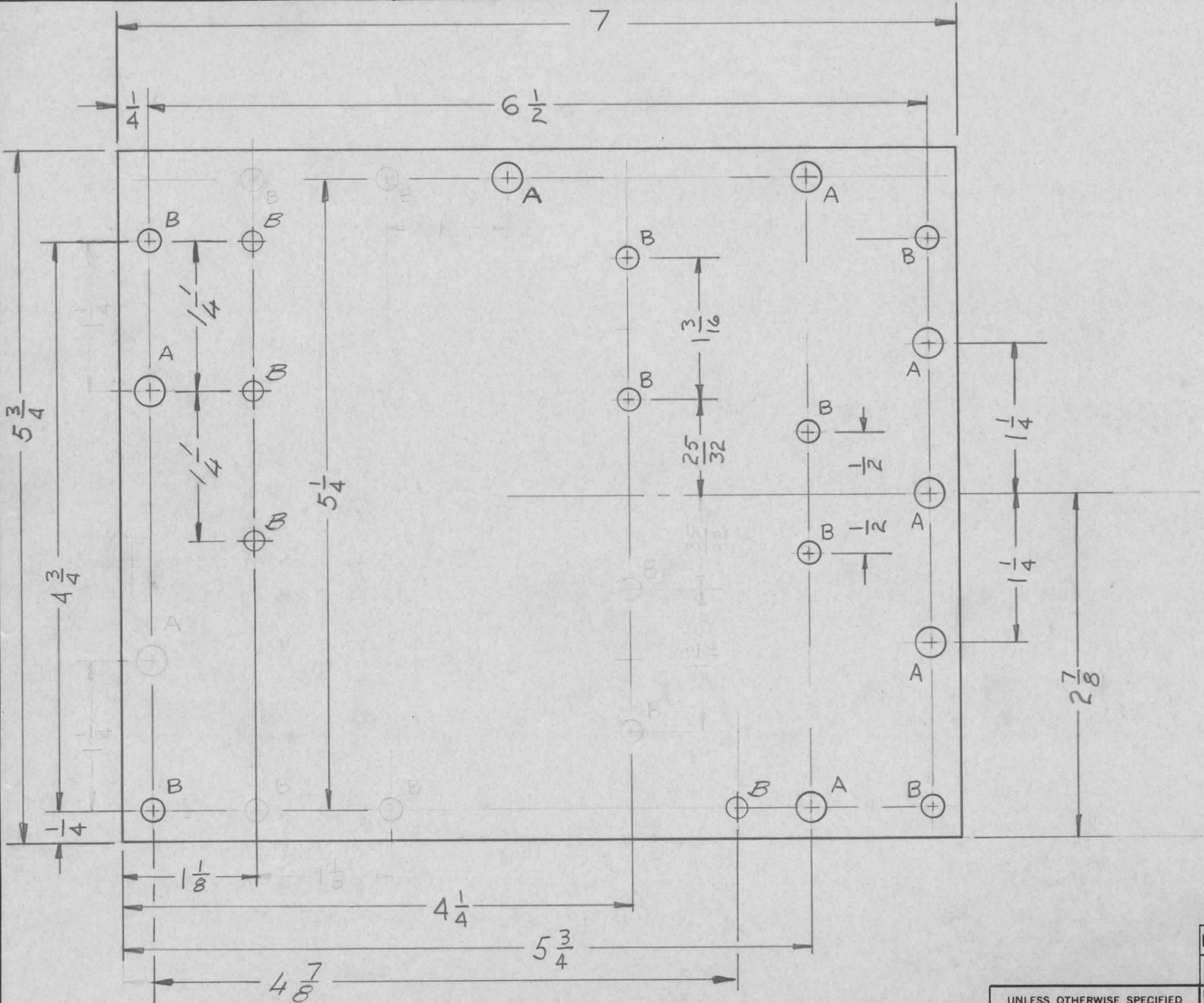
DECIMALS	FRACTIONS
.X ± .05	1/64
.XX ± .01	TOLS. ANGLES
.XXX ± .005	0° .30'

MATERIAL  
SEE TABLE

FINISH

REQ'D	ITEM	PART NUMBER	DESCRIPTION	SYM.
LIST OF MATERIAL				
<b>THE TECHNICAL MATERIEL CORP.</b> MAMARONECK, NEW YORK				
SCREEN SCREEN VIEWING				
SIZE	CODE IDENT. NO.	DWG NO.	ISSUE	
B	82679	PX 1065	A	
SCALE	SHEET			OF

REVISIONS							
ZONE	LTR	DESCRIPTION	DATE	E.M.N.NO	DRAFT	CHKD	APPD
	Ø	ORIGINAL RELEASE	9/15/70		CU		
	A	DELE 3 'B' HOLES	17/1/71	20183	GE	CU	P.E.B.
	B	ADD B HOLE DELE A HL	6/16/71	20383	GE	CU	P.E.B.



A ~ 13/64 DIA. 7 REQ.  
 B ~ 11/64 DIA. 12 REQ.

REF: LD2428

REQ'D	ITEM	PART NUMBER	DESCRIPTION	SYM.
BUDETTI LIST OF MATERIAL				
FINAL APPROVAL <i>JM</i>			DATE 12 Oct 70	THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK
MECH. DES. <i>JM</i>			DATE 12 Oct 70	
ELECT. DES.			DATE	
CHECKED			DATE	
DRAWN <i>JM</i>			DATE 30 SEP 70	BOARD, ZENER
SIZE	CODE IDENT. NO.	DWG NO.	ISSUE	
B	82679	PX1067	B	
SCALE			SHEET 1 OF	

1	HFLM-1K	API50
QTY / UNIT	MODEL USED ON	ASS'Y NO.
APPLICATION		
CODE		

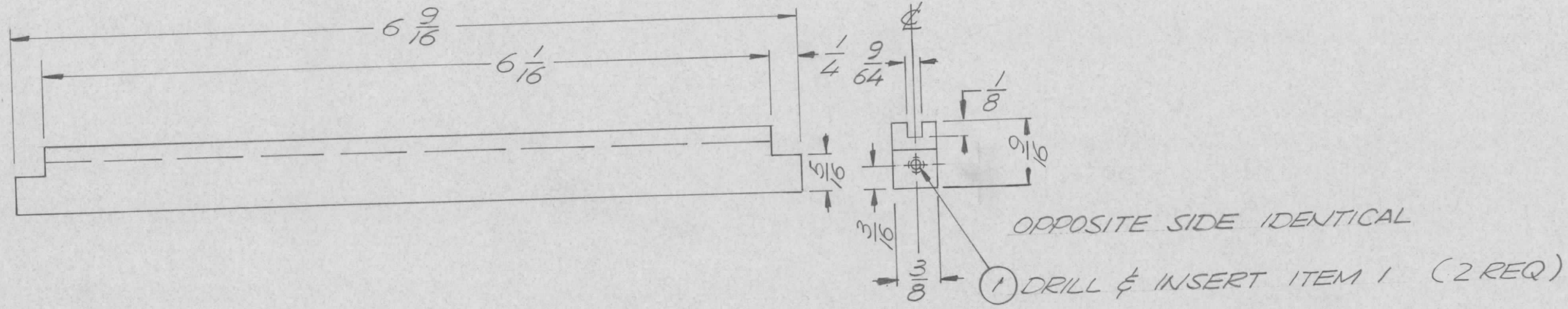
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES

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

MATERIAL: 1/8" G10 EPOXY  
 FINISH: S113 FUNG. PRF.

NOTICE TO PERSONS RECEIVING THIS DRAWING  
 THE TECHNICAL MATERIEL CORPORATION claims proprietary right in the material disclosed herein. This drawing is issued in confidence for engineering information only and may not be reproduced or used to manufacture anything shown herein without permission from THE TECHNICAL MATERIEL CORPORATION to the user. This drawing is loaned for mutual assistance and is subject to recall at any time.

ZONE	LTR	DESCRIPTION	DATE	E.M.N.NO	DRAFT	CHKD	APPD
	X	EXP RELEASE			GE		
	Ø	ORIGINAL RELEASE	10/26/70		W		



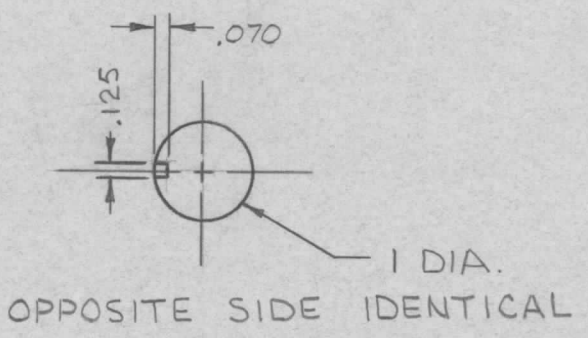
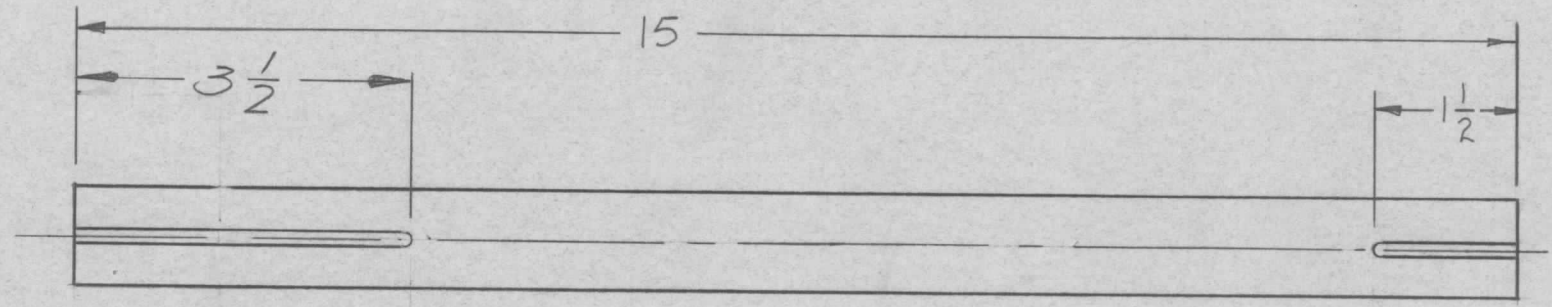
- UNLESS OTHERWISE SPECIFIED:
1. USE MATERIAL THICKNESS FOR MAXIMUM RADIUS ON ALL BENDS.
  2. ALL ANGULAR BENDS 90 DEGREES.
  3. REMOVE ALL BURRS AND SHARP EDGES.
  4. MOUNT INSERTS AFTER FINISHING.

3	TLAM 1K	AS 147
QTY / UNIT	MODEL USED ON	ASS'Y NO.
APPLICATION		
	CODE	
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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 EPOXY G 11	FINISH

2	1	NT139SC0620	INSERT, SCREW THREAD	
REQ'D	ITEM	PART NUMBER	DESCRIPTION	SYM.
F. BUDETTI LIST OF MATERIAL				
THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK				
SUPPORT, SPACER, COIL				
FINAL APPROVAL	DATE	THE TECHNICAL MATERIEL CORP.		
MECH. DES.	DATE	MAMARONECK, NEW YORK		
ELECT. DES.	DATE	SUPPORT, SPACER, COIL		
CHECKED	DATE	SIZE	CODE IDENT. NO.	DWG NO.
DRAWN	DATE	B	82679	PX 1069
		SCALE	1:1	SHEET 1 OF 1

REVISIONS						
ZONE	LTR	DESCRIPTION	DATE	E.M.N.NO	DRAFT	CHKD APPD
	<i>Ø</i>	ORIGINAL RELEASE	<i>1/14/70</i>		<i>Ø</i>	
	<i>A</i>	<i>3 1/2 SLT. WAS 1/2 SHOW RAD.</i>	<i>4/19/72</i>	<i>20596</i>	<i>GE</i>	<i>Ø Ø</i>



<i>1</i>	<i>PALA-10K</i>	<i>AS145</i>
QTY / UNIT	MODEL USED ON	ASS'Y NO.

APPLICATION	
CODE	

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

MATERIAL  
*SILICONE GLASS*  
*G-7*

FINISH  
*NATURAL*

REQ'D	ITEM	PART NUMBER	DESCRIPTION	SYM.
		<i>F. BUDETTI</i>	LIST OF MATERIAL	
FINAL APPROVAL		<i>ØB</i>	DATE	<i>1-12-70</i>
MECH. DES.		<i>ALP</i>	DATE	<i>1-12-70</i>
ELECT. DES.			DATE	
CHECKED			DATE	
DRAWN		<i>RC</i>	DATE	<i>10-10-69</i>
SIZE	CODE IDENT. NO.	DWG NO.	ISSUE	
<i>B</i>	<i>82679</i>	<i>PX 1070</i>	<i>A</i>	
SCALE	SHEET		OF	

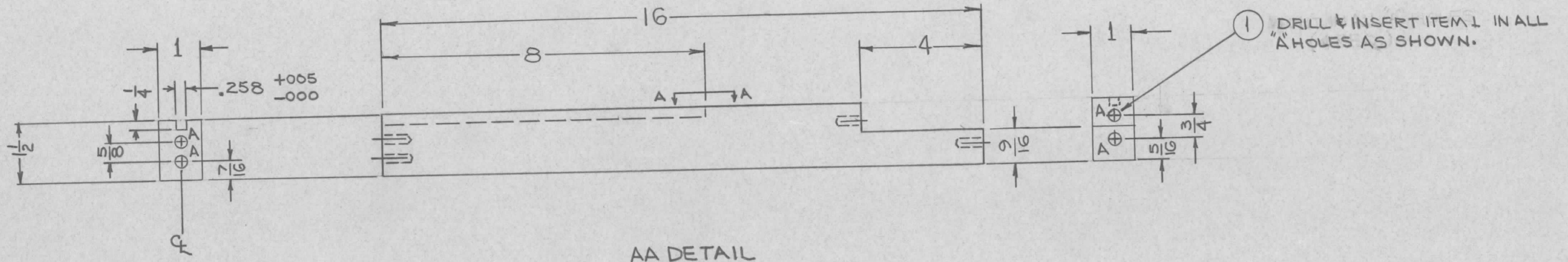


5

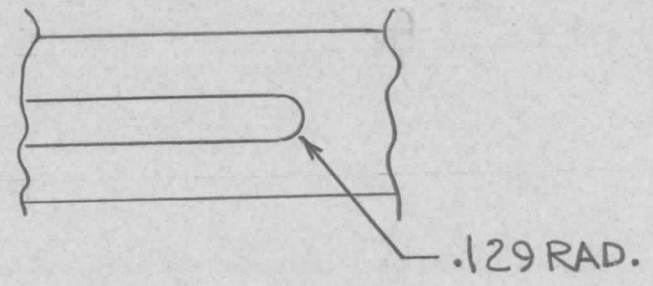
4

REVISIONS

ZONE	LTR	DESCRIPTION	DATE	E.M.N.NO	DRAFT	CHKD	APPD
	Ø	ORIGINAL RELEASE	1/26/70		W		



AA DETAIL



REQ'D	ITEM	PART NUMBER	DESCRIPTION	SYM.
4	1	NT139-SF10-25	HELICOIL	A

**F. BUDETTI** LIST OF MATERIAL

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

LEG, MTG, BANDSW.

FINAL APPROVAL <i>[Signature]</i>	DATE 1-70
MECH. DES. <i>ALP. W</i>	DATE 1-70
ELECT. DES. <i>AGC</i>	DATE 1-70
CHECKED	DATE
DRAWN <i>ALP.</i>	DATE 1-70

SIZE B	CODE IDENT. NO. 82679	DWG NO. PX1073	ISSUE Ø
SCALE	SHEET		OF

3	PALA IOK	AX5084
QTY / UNIT	MODEL USED ON	ASS'Y NO.
APPLICATION		
CODE		

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

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

MATERIAL  
SILICONE  
GLASS G7

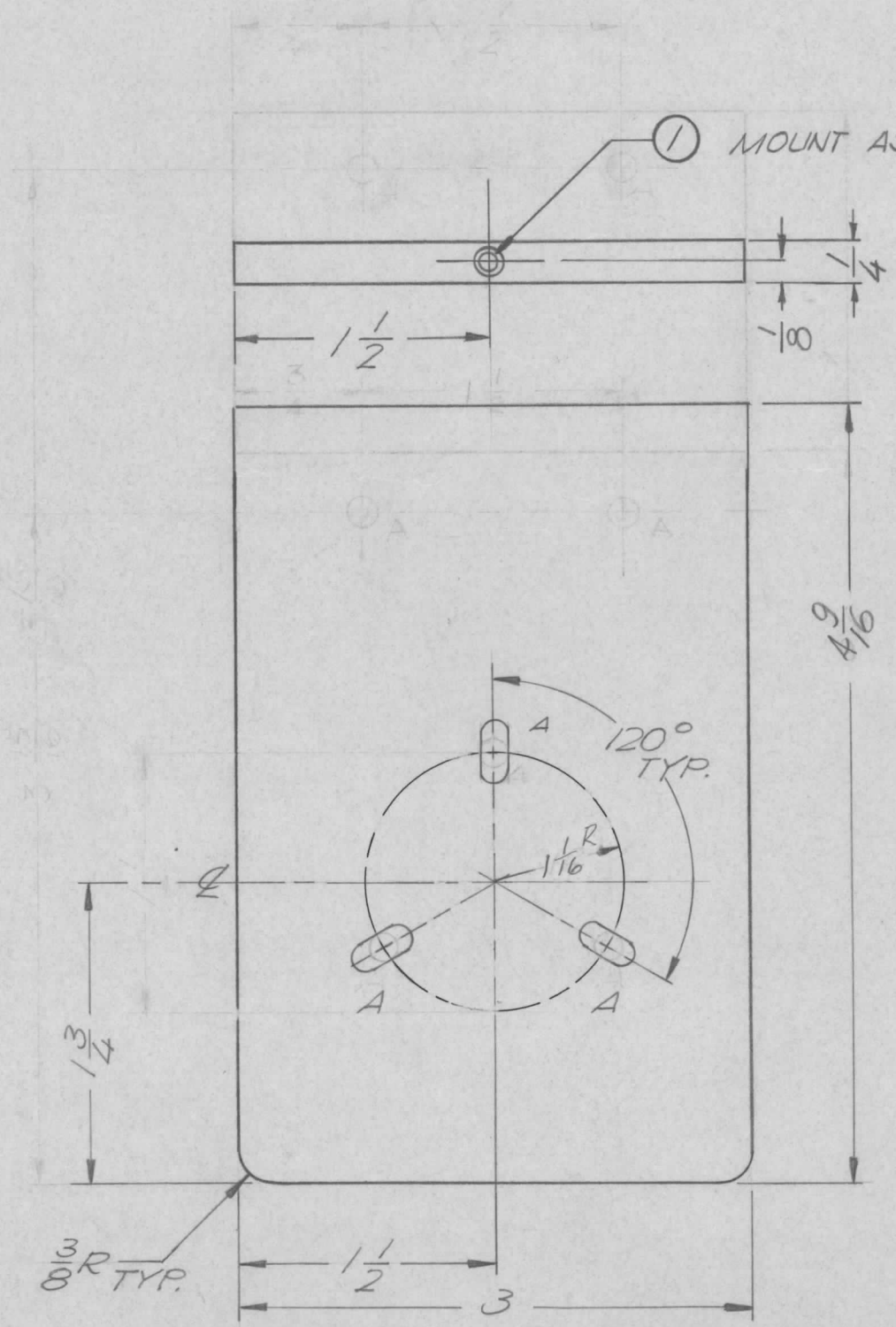
FINISH  
NATURAL

4

3

2

1



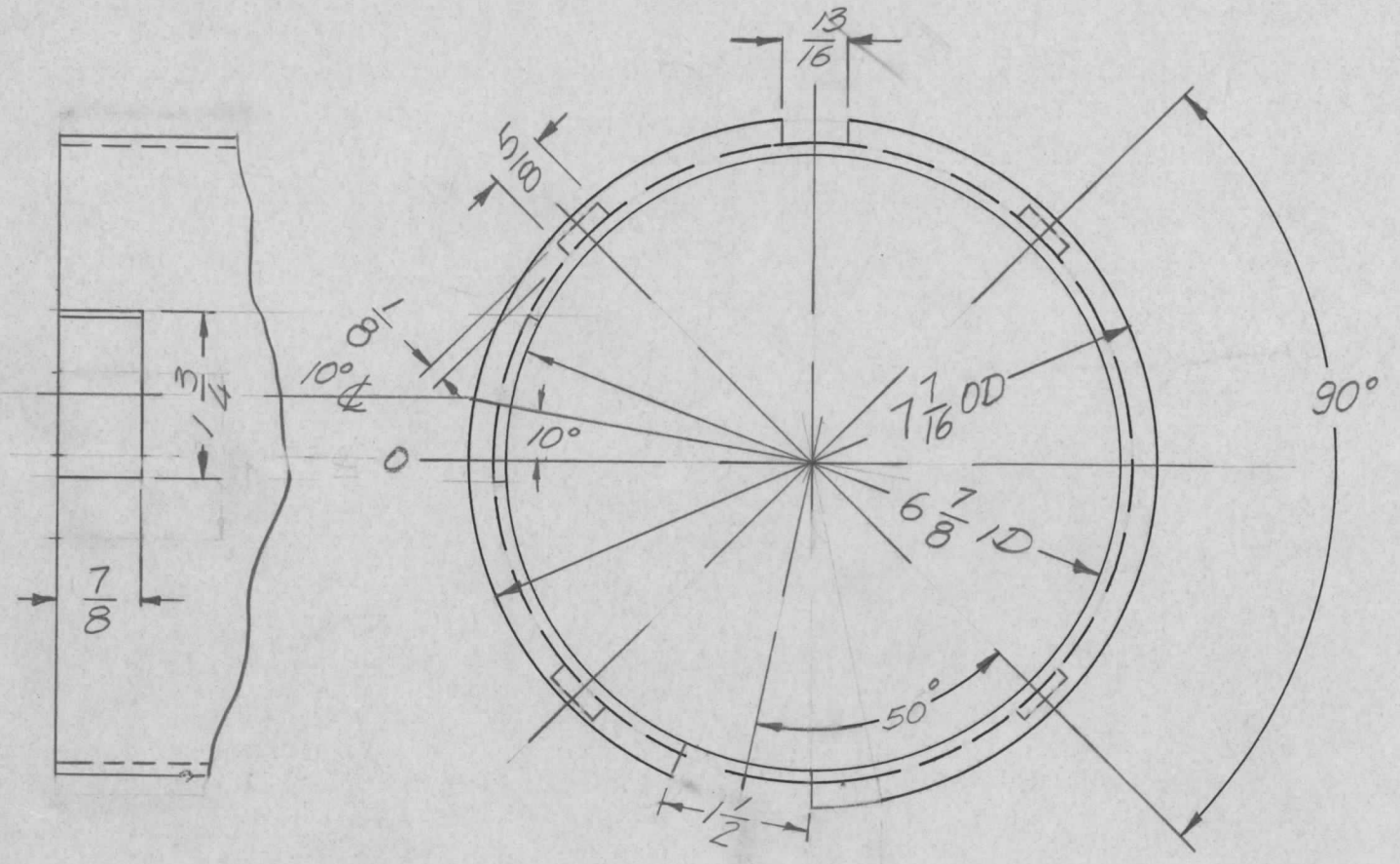
HOLE LEGEND:  
 A ~ 11/64 x 11/32 (SLOT 3 REQ.)

REVISIONS						
ZONE	LTR	DESCRIPTION	DATE	E.M.N.NO	DRAFT	CHKD APPD
	X	EXP. RELEASE	4/16/69		K.H.	
	X <sub>1</sub>	CHGD DIMS FR 6 1/4 TO 4 1/4 & S 1 5/8 TO 3 1/8	5/7/69		RE	
	X <sub>2</sub>	ADD. IT 1 & TOP VIEW	10/29/69		GE	
	Ø	ORIGINAL RELEASE	1/14/69		W	
	4	3 A HOLES WERE 11/64 D.	6/23/70	19909	GE	[Signatures]

1	1	NT139 SFC06	INSERT SCREW THREAD	
REQ'D	ITEM	PART NUMBER	DESCRIPTION	SYM.
F. BUDETTI LIST OF MATERIAL				
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES		FINAL APPROVAL [Signature]	DATE 1-12-70	<b>THE TECHNICAL MATERIEL CORP.</b> MAMARONECK, NEW YORK  BOARD, MTG, OUTPUT COIL
		MECH. DES. [Signature]	DATE 1-12-70	
		ELECT. DES.	DATE	
		CHECKED	DATE	
MATERIAL 1/4 - G11		DRAWN [Signature]	DATE 4/16/69	
SIZE	CODE IDENT. NO.	DWG NO.	ISSUE	
B	82679	PX 1074	A <sub>2</sub>	
SCALE NTS			SHEET	OF
			1	

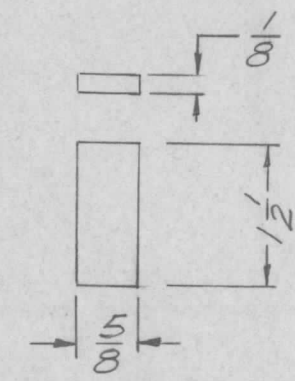
2	APALA-10K	AS 14534
QTY / UNIT	MODEL USED ON	ASS'Y NO.
APPLICATION		
CODE		
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REVISIONS						
ZONE	LTR	DESCRIPTION	DATE	E.M.N.NO	DRAFT	CHKD APPD
	X	EXP RELEASE	12/1/69		GE	
	Ø	ORIGINAL RELEASE	1/30/70		W	
	A	ADD OBSOLETE NOTE	4/6/72	20580	GE	EG EG

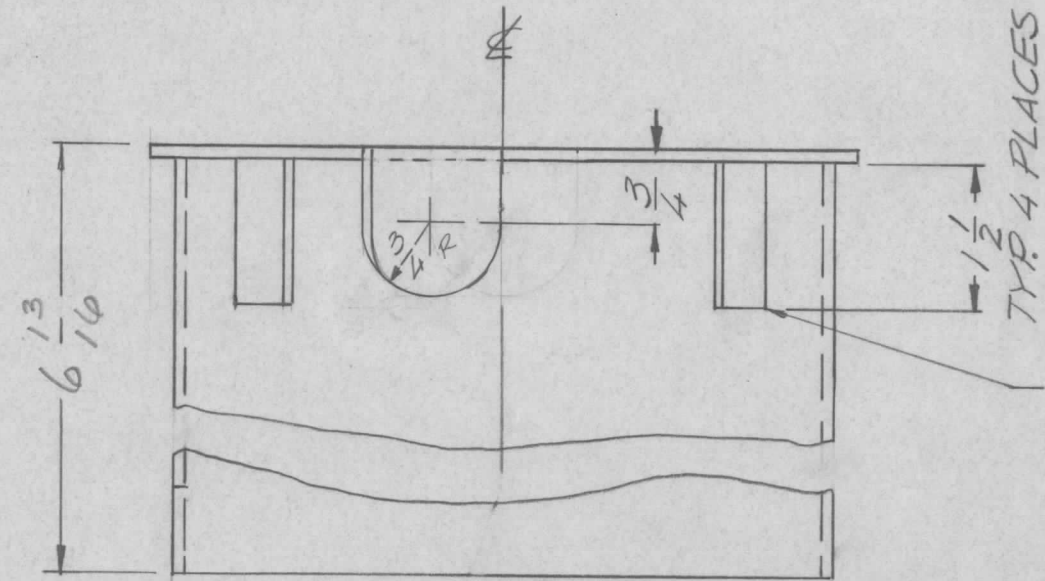


**OBSOLETE**

REPLACED BY PX1177 USE FOR PALA-10K & HFLA-10K WITH 8794 FINAL AMP SPARE PARTS ONLY.



DETAIL A



ATTACH DETAIL A WITH EPOXY ADHESIVE

1	PALA-10K	AX 5084
QTY / UNIT	MODEL USED ON	ASS'Y NO.
APPLICATION		
CODE		

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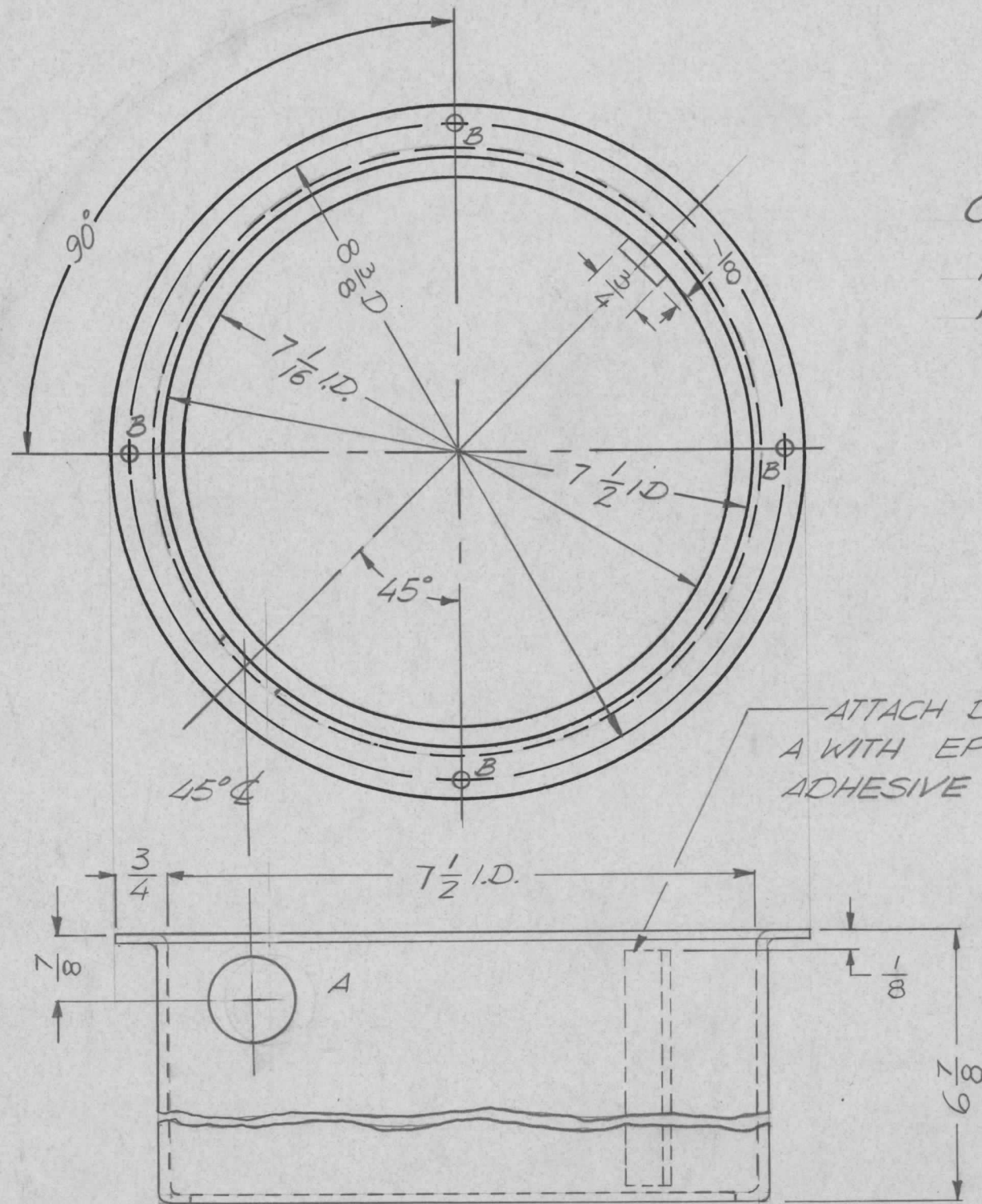
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES

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

MATERIAL 3PLY FIBER GLASS

FINISH \$115 TMC GRAY

REQ'D	ITEM	PART NUMBER	DESCRIPTION	SYM.
F. BUDETTI LIST OF MATERIAL				
FINAL APPROVAL	DATE	THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK		
MECH. DES.	DATE	FLUE, TOP, INNER		
ELECT. DES.	DATE			
CHECKED	DATE			
DRAWN	DATE			
SIZE	CODE IDENT. NO.	DWG NO.	ISSUE	
B	82679	PX 1079	A	
SCALE	SHEET		OF	



REVISIONS						
ZONE	LTR	DESCRIPTION	DATE	E.M.N.NO	DRAFT	CHKD APPD
	X	EXP RELEASE	11/29/69		GE	
	Ø	ORIGINAL RELEASE	1/30/70		W	
	A	ADD OBSOLETE NOTE	11/6/72	20580	GE	sj sj

**OBSOLETE**

REPLACED BY PX1176 USE FOR PALA-10K & HFLA-10K WITH 8794 FINAL AMP SPARE PARTS ONLY.

HLS	DESCRIPTION	QTY.
A	1 1/8 DIA.	1
B	13/164 DIA.	4

REQ'D	ITEM	PART NUMBER	DESCRIPTION	SYM.
F. BUDETTI LIST OF MATERIAL				

1	PALA-10K	AX5084
QTY / UNIT	MODEL USED ON	ASS'Y NO.
APPLICATION		
CODE		

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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'  
 MATERIAL 3 PLY FIBER GLASS  
 FINISH #115 TMC GRAY

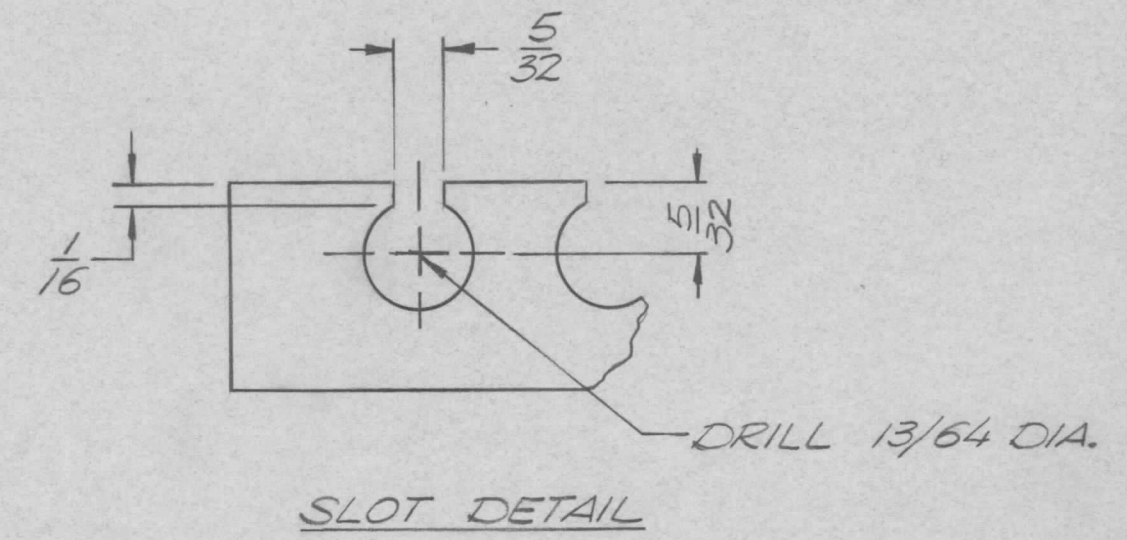
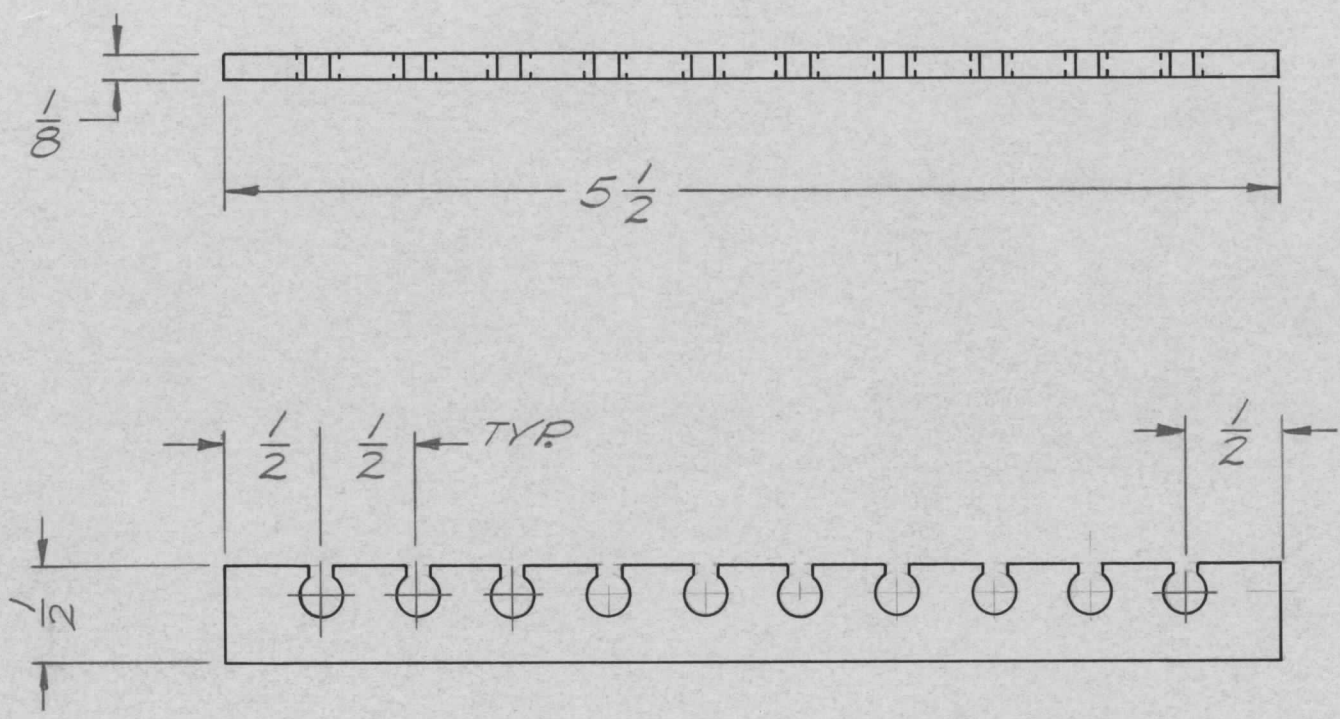
FINAL APPROVAL	DATE
MECH. DES.	DATE
ELECT. DES.	DATE
CHECKED	DATE
DRAWN	DATE

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

FLUE, TOP, OUTER

SIZE	CODE IDENT. NO.	DWG NO.	ISSUE
B	82679	PX1080	A
SCALE 1:2		SHEET OF	

REVISIONS							
ZONE	LTR	DESCRIPTION	DATE	E.M.N.NO	DRAFT	CHKD	APPD
	X	EXP. RELEASE	1/8/70		GE		
	Ø	ORIGINAL RELEASE	1/14/70		W		



REQ'D	ITEM	PART NUMBER	DESCRIPTION	SYM.
	<b>F. BUDETTI</b>			
	<b>LIST OF MATERIAL</b>			
	<b>THE TECHNICAL MATERIEL CORP.</b>			
	MAMARONECK, NEW YORK			
	<b>SPACER, COIL</b>			
	FINAL APPROVAL	DATE		
	<i>[Signature]</i>	1-12-70		
	MECH. DES.	DATE		
	<i>[Signature]</i>	1-12-70		
	ELECT. DES.	DATE		
	CHECKED	DATE		
	DRAWN	DATE		
	<i>[Signature]</i>	1-8-70		
	SIZE	CODE IDENT. NO.	DWG NO.	ISSUE
	B	82679	PX 1081	Ø
	SCALE	SHEET		OF

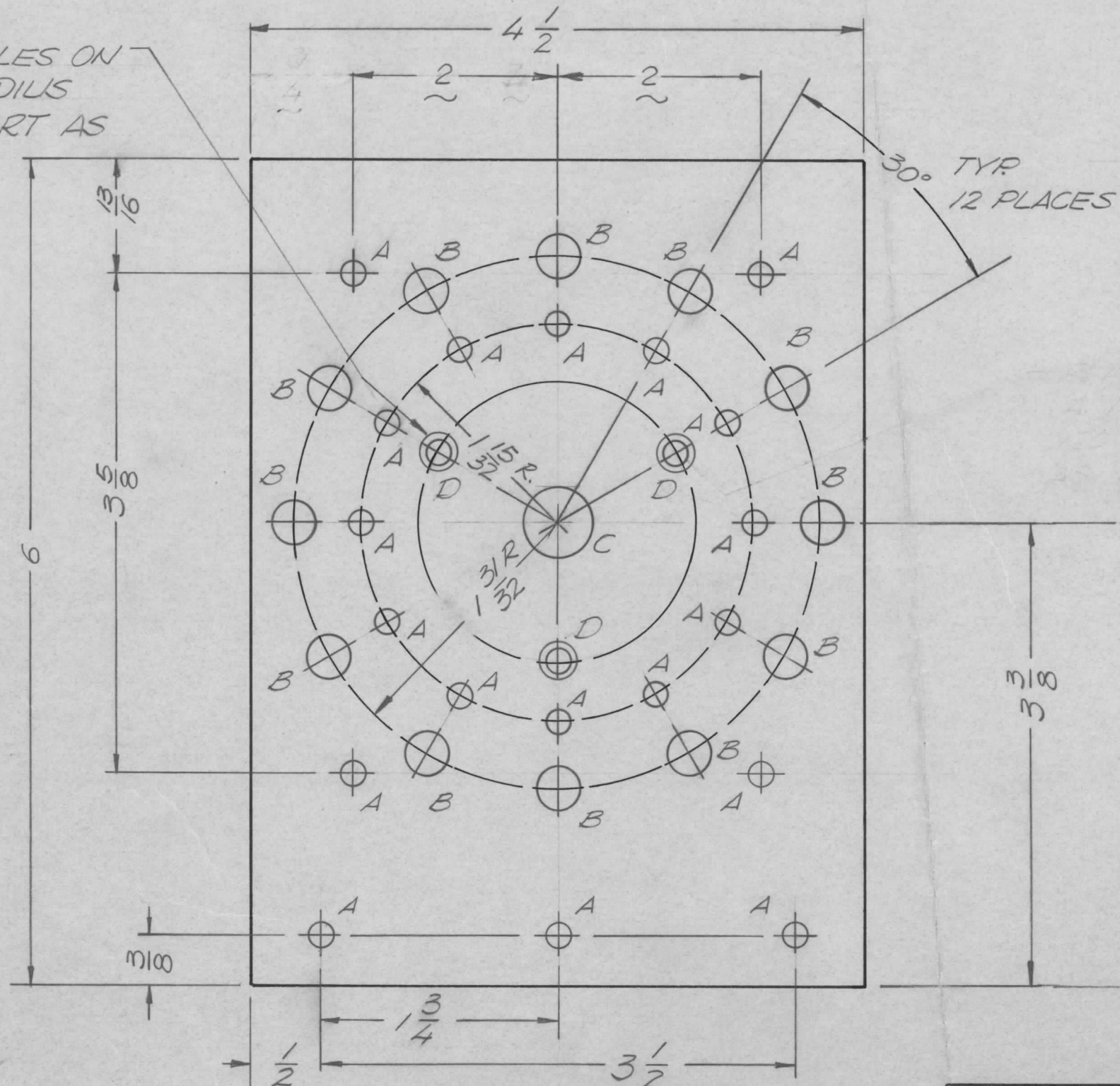
3	PALA-10K	AX5084
QTY / UNIT	MODEL USED ON	ASS'Y NO.
APPLICATION		
	CODE	
<p><b>NOTICE TO PERSONS RECEIVING THIS DRAWING</b>          THE TECHNICAL MATERIEL CORPORATION claims proprietary right in the material disclosed hereon. This drawing is issued in confidence for engineering information only and may not be reproduced or used to manufacture anything shown hereon without permission from THE TECHNICAL MATERIEL CORPORATION to the user. This drawing is loaned for mutual assistance and is subject to recall at any time.</p>		
MATERIAL		
.125 TEFLON		
FINISH		

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'

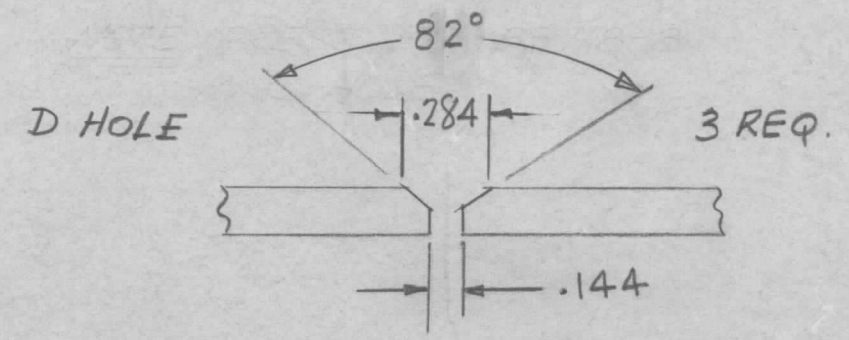
3 "D" HOLES ON  
A 1" RADII  
120° APART AS  
SHOWN



REVISIONS						
ZONE	LTR	DESCRIPTION	DATE	E.M.N.NO	DRAFT	CHKD APPD
	X	EXP RELEASE	12-24-69		GE	
	Ø	ORIGINAL RELEASE	1/14/70		W	
	A	ADD SIDE VIEW	1/11/70	20074	GE	W PEB
	B	CHG. MTG. HOLES LOCATION	2/17/72	20524	GE	W
	C	BB118-39 WAS BB118-8	4/26/72	20659	GE	W
	D	"B" HOLES WAS 5/16 DIA ITEM 1 WAS BB118-39	1-21-76	21354	G.D.L	W
	E	"D" HOLE WAS "0632 C'S NR. 82°; CTSK 82° TO .284"	5-9-77	21545	WB	W KP

PRESS FIT ITEM #1  
AS SHOWN

A HOLES 11/64 DIA. ~ 19 REQ.  
B HOLES 11/32 DIA. ~ 12 REQ.  
C HOLE 1/2 DIA. ~ 1 REQ.



1	1	BB118-8	BEARING, OILITE	C
REQ'D	ITEM	PART NUMBER	DESCRIPTION	SYM.

F. BUDETTI		LIST OF MATERIAL		
FINAL APPROVAL	DATE	THE TECHNICAL MATERIEL CORP.		
MECH. DES.	DATE	MAMARONECK, NEW YORK		
ELECT. DES.	DATE	B.S. WAFER		
CHECKED	DATE			
DRAWN	DATE			

1	TLAM 1K	AS 147
1	PALA 10K	AS 146
QTY / UNIT	MODEL USED ON	ASS'Y NO.
APPLICATION		
CODE		

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

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

MATERIAL  
.250 G7

FINISH

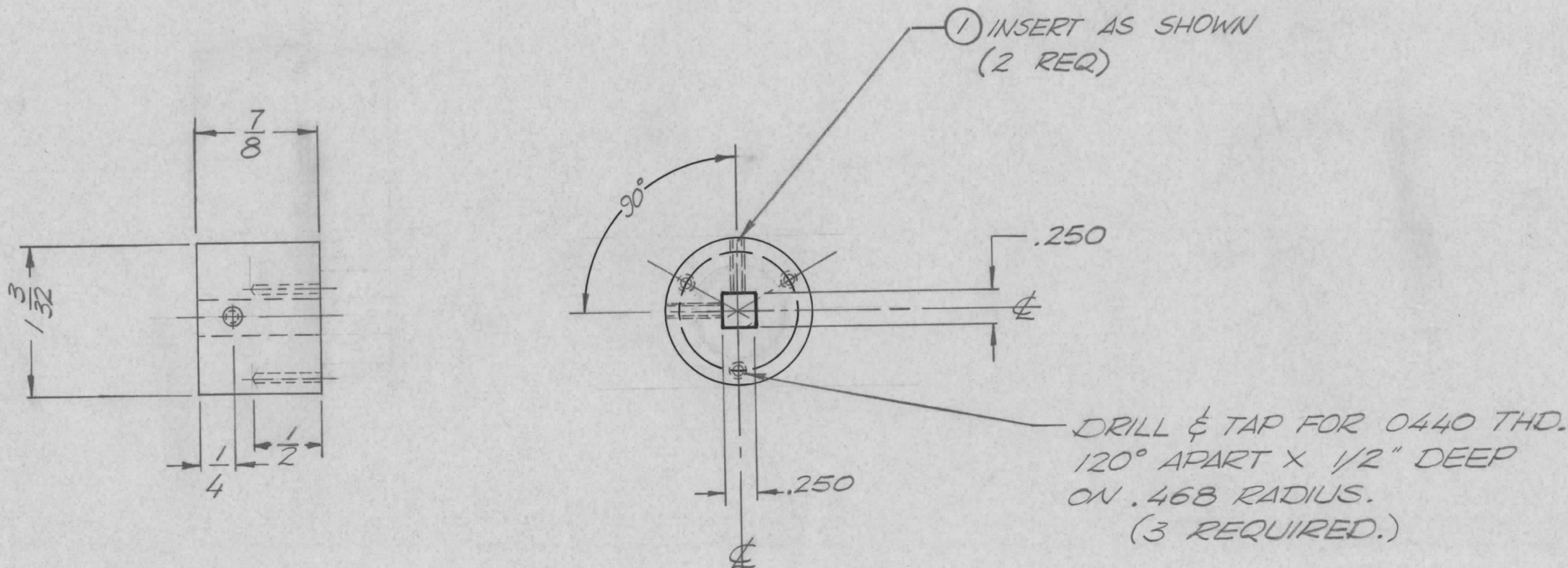
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1	TLAA 1K	AS 160
QTY	M/U/O	ASSY NO.

SIZE	CODE IDENT. NO.	DWG NO.	ISSUE
B	82679	PX 1083	E
SCALE	SHEET		OF

REVISIONS

ZONE	LTR	DESCRIPTION	DATE	E.M.N.NO	DRAFT	CHKD	APPD
	X	EXP RELEASE	1/4/70		GE		
	Ø	ORIGINAL RELEASE	1/8/70		CW		
	A	DELE EXT. HUB, DIM 13/8 & 39/64	6/22/70	19891	KL	WB	FB
	B	NOTE "NO LONGER USED" ADD	3-7-74	21143	C.D.L	CL	CL



NO LONGER USED  
REPLACED BY PX1152

REQ'D	ITEM	PART NUMBER	DESCRIPTION	SYM.
2	1	NT139-SC06-25	HELICOIL	

F. BUDETTI LIST OF MATERIAL

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES		FINAL APPROVAL <i>[Signature]</i>	DATE 1-70	THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK
MECH. DES.	<i>[Signature]</i>	DATE 1-70		
ELECT. DES.	<i>[Signature]</i>	DATE 1-70		
CHECKED		DATE		
MATERIAL G11		DRAWN EVANGELIST	DATE 1-4-70	HUB ROTOR (INSULATED)

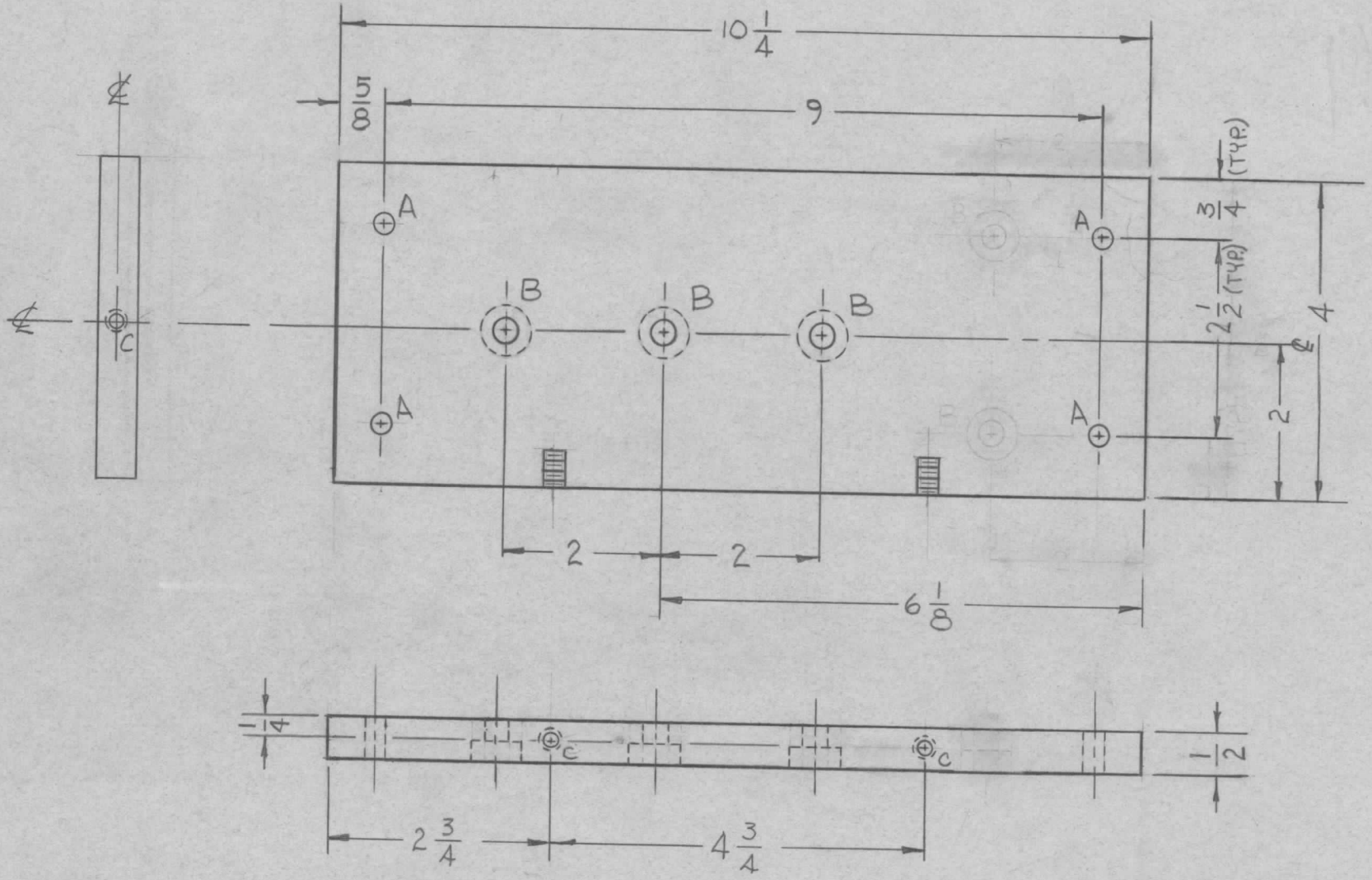
1	GPTR 10 K	AX5080
QTY / UNIT	MODEL USED ON	ASS'Y NO.

APPLICATION	
CODE	

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SIZE B	CODE IDENT. NO. 82679	DWG NO. PX 1085	ISSUE B
SCALE		SHEET	OF

REVISIONS						
ZONE	LTR	DESCRIPTION	DATE	E.M.N.NO	DRAFT	CHKD
	X <sub>1</sub>	CHG'D DIM FR. 1 1/2 TO 2 1/2	5-21-69		RE	
	X <sub>2</sub>	MOVED CTR. BORE TO REAR SIDE	5-22-69		RE	
	<del>Ø</del>	ORIGINAL RELEASE	1/26/70		W	
	A	QTY C'HL WAS 2 ADD END VW	4-22-70	19819	GE	<i>[Signature]</i>



HOLE	DESCRIPTION	REQ'D
A	9/32 DIA.	4
B	5/16 DIA. HOLE CTR' BORE 5/8 DIA. 1/4 DEEP.	3
C	#29 DRILL. TAP 8-32 1/2" DEEP.	3

REF: LD2376

1	PALA-10K	API48
QTY / UNIT	MODEL USED ON	ASS'Y NO.
APPLICATION		
CODE		

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

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

FRACTIONS TOLS. 1/64  
 ANGLES 0° -30'

MATERIAL XXXP PHENOLIC  
 1/2 THICK

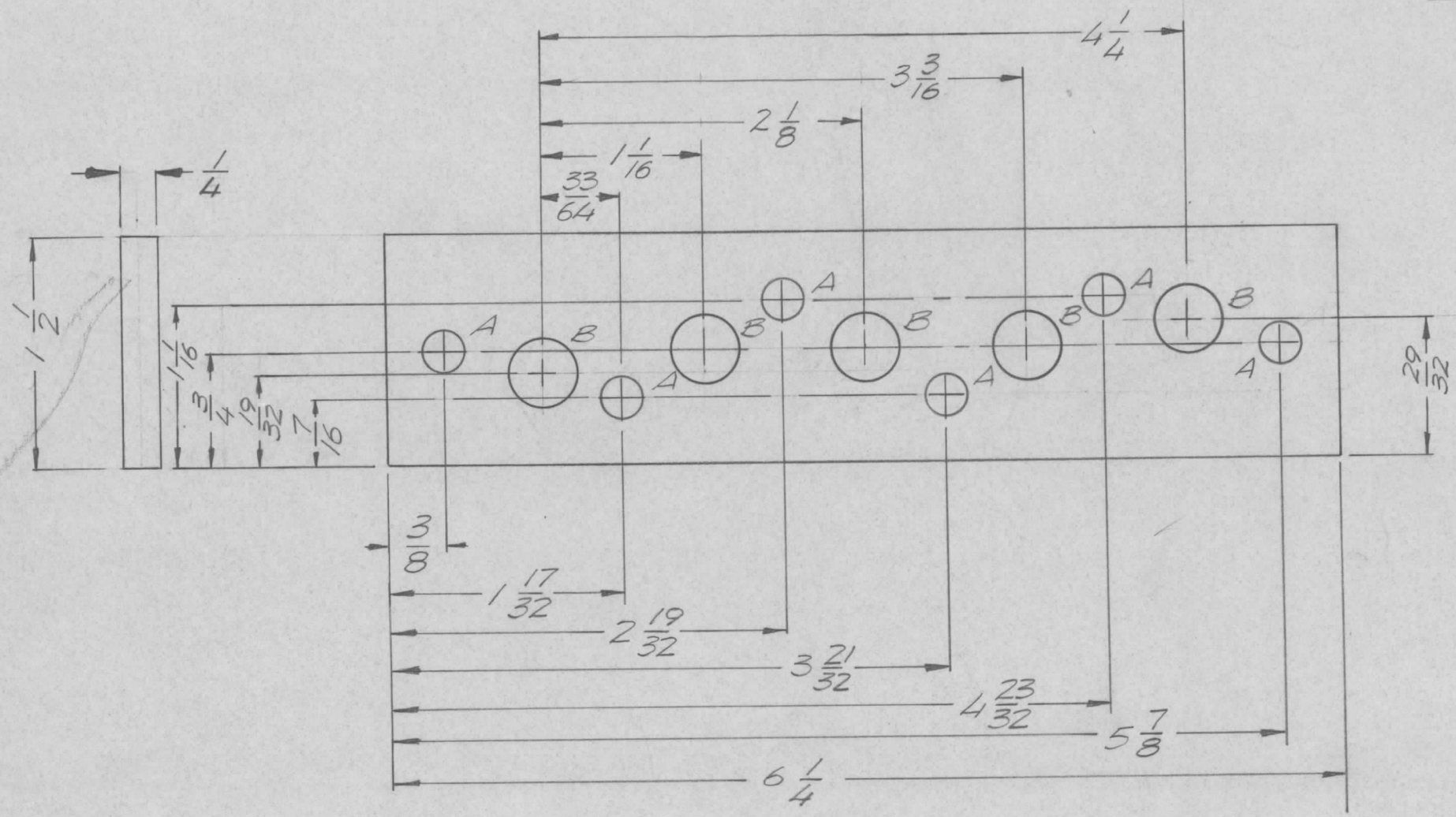
FINISH

REQ'D	ITEM	PART NUMBER	DESCRIPTION	SYM.
		F. BUDETTI	LIST OF MATERIAL	
		FINAL APPROVAL <i>[Signature]</i>	DATE 1-70	
		MECH. DES. ALP. <i>[Signature]</i>	DATE 1-70	
		ELECT. DES. AGC	DATE 1-76	
		CHECKED	DATE	
		DRAWN RE	DATE 5.19.69	
		SIZE B	CODE IDENT. NO. 82679	DWG NO. PX 1086
		SCALE 1:2		ISSUE A
			SHEET	OF



REVISIONS

ZONE	LTR	DESCRIPTION	DATE	E.M.N.NO	DRAFT	CHKD	APPD
	B	REDRAWN	4/29/70	19855	GE	<i>[Signature]</i>	
	C	MATL. THK WAS 1/8	3/6/72	20552	GE	<i>[Signature]</i>	<i>[Signature]</i>



HOLE	DESCRIPTION	QTY.
A	17/64 DIA.	6
B	7/16 DIA.	5

1	PALA 10K	AP 148
QTY / UNIT	MODEL USED ON	ASS'Y NO.
APPLICATION		
	CODE	

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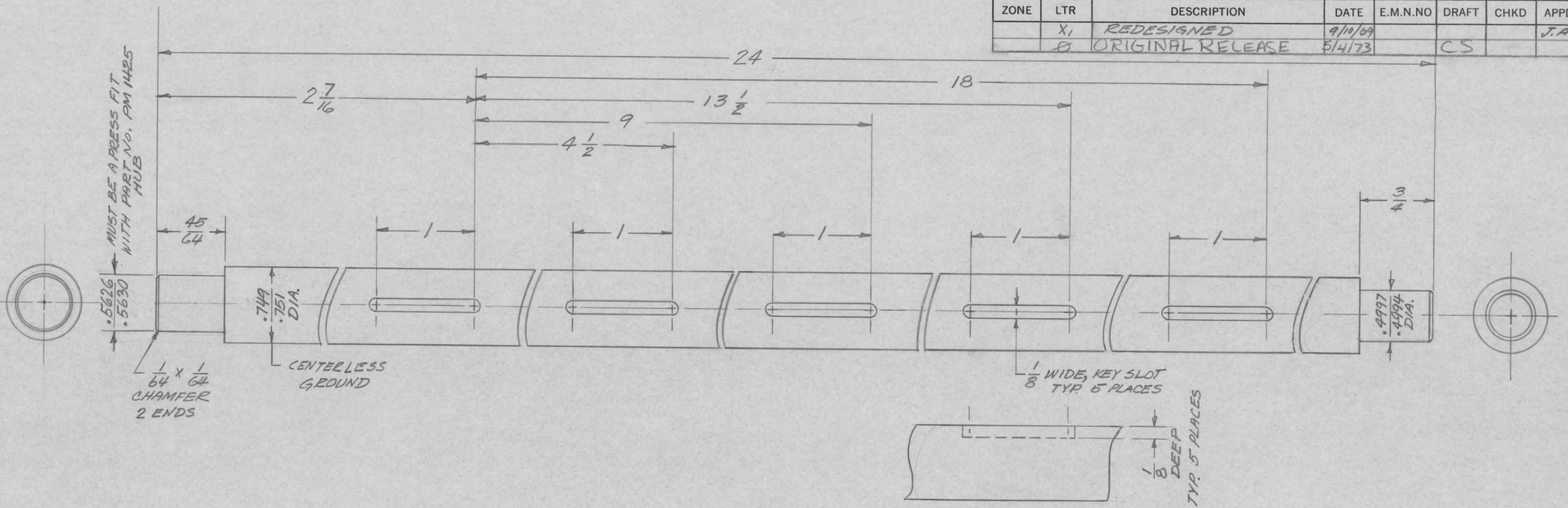
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES

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

MATERIAL: G7 SILICONE GLASS  
 FINISH: [Blank]

REQ'D	ITEM	PART NUMBER	DESCRIPTION	SYM.
F. BUDETTI LIST OF MATERIAL				
THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK				
BAR, CONTACT				
SIZE	CODE IDENT. NO.	DWG NO.	ISSUE	
B	82679	PX 1088	C	
SCALE	SHEET		OF	
1:1				

REVISIONS						
ZONE	LTR	DESCRIPTION	DATE	E.M.N.NO	DRAFT	APPD
	X1	REDESIGNED	9/10/69			J.A.
	Ø	ORIGINAL RELEASE	5/4/73		CS	



1	AF 109	A4808
QTY / UNIT	MODEL USED ON	ASS'Y NO.

APPLICATION	
CODE	

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

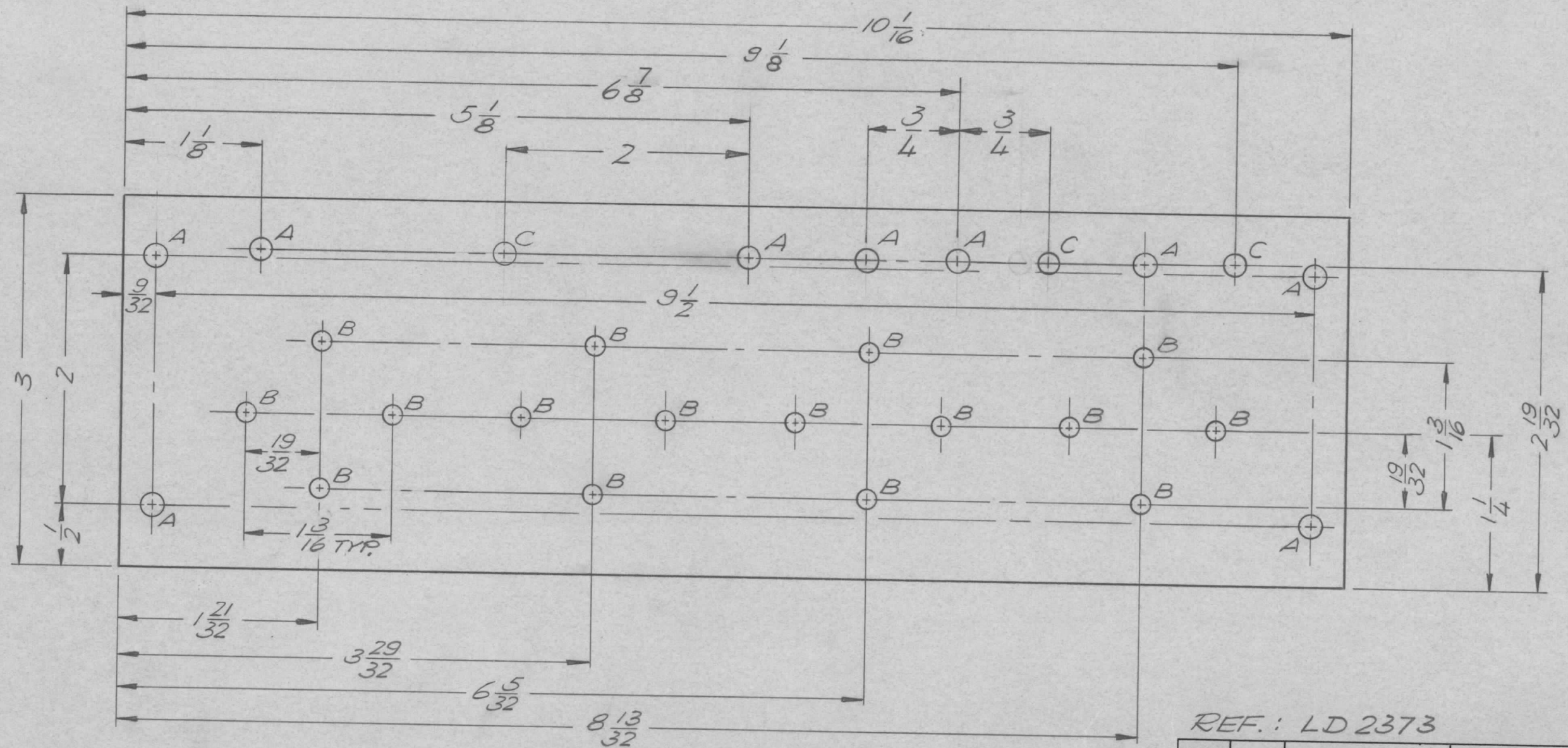
DECIMALS	FRACTIONS
.X ± .05	1/64
.XX ± .01	TOLS. ANGLES
.XXX ± .005	0° -30'

MATERIAL G7  
SILICONE GLASS

FINISH

REQ'D	ITEM	PART NUMBER	DESCRIPTION	SYM.
LIST OF MATERIAL				
THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK				
SHAFT, SWITCH				
FINAL APPROVAL		DATE		SHAFT, SWITCH
MECH. DES. J. ANGER		9/10/69		
ELECT. DES.		DATE		
CHECKED		DATE		
DRAWN J. ANGER		DATE		
		SIZE	CODE IDENT. NO.	DWG NO.
		B	82679	PX 1091
		SCALE	SHEET 1 OF 1	
		NONE		

REVISIONS						
ZONE	LTR	DESCRIPTION	DATE	E.M.N.NO	DRAFT	CHKD APPD
	X	REDRAWN	10/22/69		KH	
	Ø	ORIGINAL RELEASE	1/11/70		W	
	A	ADD 'A' & 'C' HOLES	4-11-72	20583	GE	ES Ø



REF.: LD 2373

REQ'D	ITEM	PART NUMBER	DESCRIPTION	SYM.
		F. BUDETTI	LIST OF MATERIAL	
			THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
			ZENER BOARD	
			SIZE B	
			CODE IDENT. NO. 82679	
			DWG NO. PX1095	
			ISSUE A	
			SCALE 1:1	
			SHEET OF	

HOLE LEGEND		
HOLE	DESCRIPTION	REQ'D.
A	3/16 DIA.	9
B	5/32 DIA.	16
C	11/64 DIA.	3

1	PALA-10K	AP 148
QTY / UNIT	MODEL USED ON	ASS'Y NO.

**APPLICATION**

CODE

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

MATERIAL: 1/8 THK PHENOLIC XXXP  
 FINISH: NATURAL

5

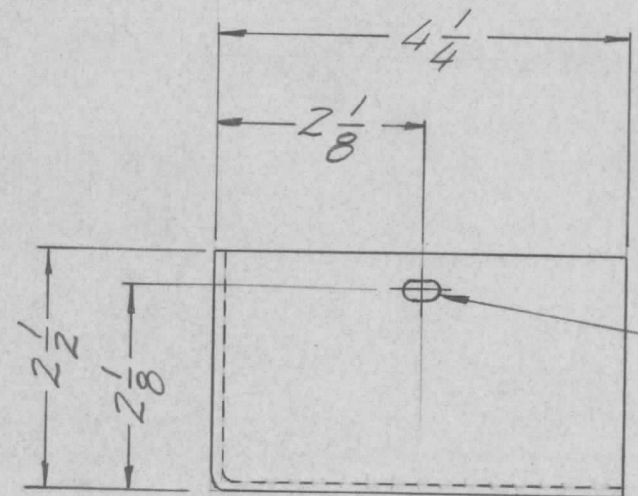
4

3

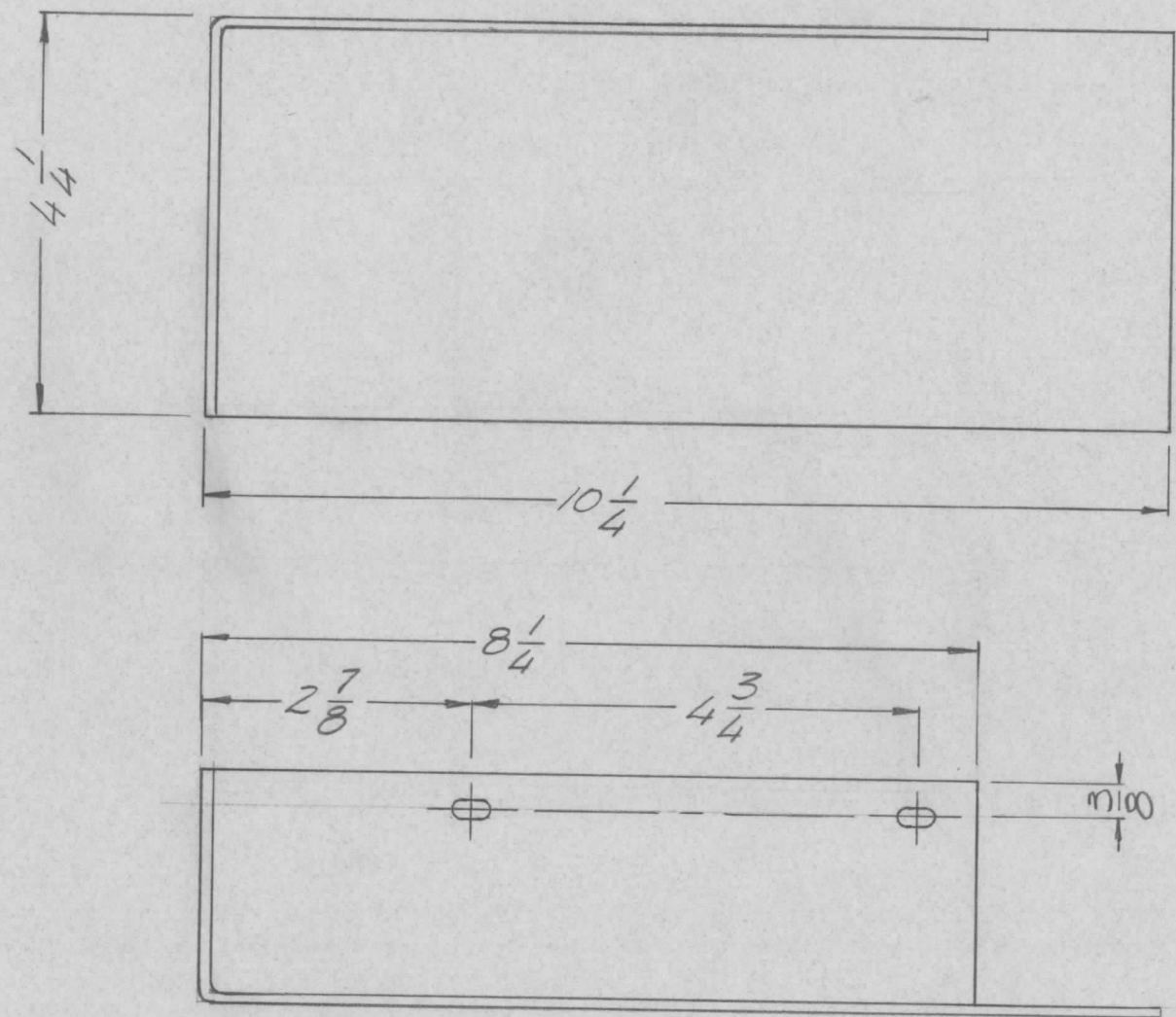
2

1

REVISIONS						
ZONE	LTR	DESCRIPTION	DATE	E.M.N.NO	DRAFT	CHKD APPD
	Ø	ORIGINAL RELEASE FOR PRODUCTION	9/13/70		(W)	



3/16 x 3/8 SLOT  
(3 REQ)



1	PALA 10K	AX5084
QTY / UNIT	MODEL USED ON	ASS'Y NO.
APPLICATION		
	CODE	
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DECIMALS .X ± .05 .XX ± .01 .XXX ± .005

FRACTIONS 1/64 ANGLES 0° .30'

TOLS.

MATERIAL 3 PLY FIBER GLASS FINISH TMC GREY

REQ'D	ITEM	PART NUMBER	DESCRIPTION	SYM.
F. BUDETTI LIST OF MATERIAL				
FINAL APPROVAL		DATE	THE TECHNICAL MATERIEL CORP.	
MECH. DES.		DATE	MAMARONECK, NEW YORK	
ELECT. DES.		DATE	COVER PROTECTIVE MAIN INPUT	
CHECKED		DATE	SIZE	ISSUE
DRAWN		DATE	CODE IDENT. NO.	DWG NO.
			B 82679	PX 1098
			SCALE 1/2	SHEET OF