

CL400 B

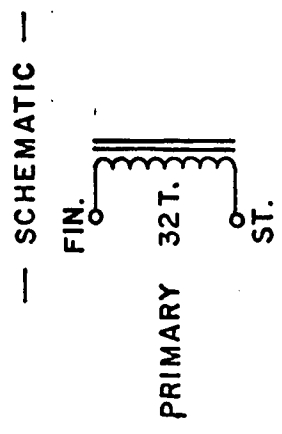
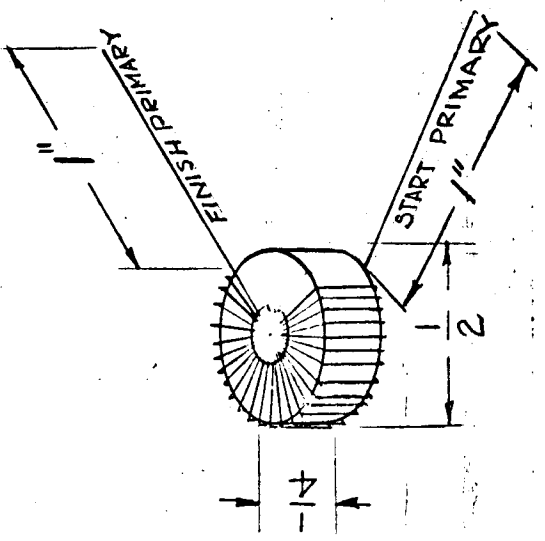
REQ. PER UNIT	MODEL	USED ON ASSY. NO.	DATE
		A 4469	

WINDING DATA
 WINDING NO. 1
 NOMINAL INDUCTANCE: 4.5 uh
 NO. OF TURNS: 32
 NO. OF TAPS: NONE

COIL FORM DATA
 MATERIAL: POWDERED IRON
 MOUNTING DATA
 METHOD: SINGLE HOLE
 DIMENSIONS: 3/16 DIA.
 TERMINALS:
 QUAN.: 2
 TYPE: WIRE LEAD (PRI. 1" LONG)

ELECTRICAL SPECIFICATIONS
 INDUCTANCE (PRI) L= 4.5UH ± .200UH
 MIN. Q= 100 At 7.9 MC.
 D. C. RESISTANCE = NOT RATED
 CURRENT RATING = NOT RATED

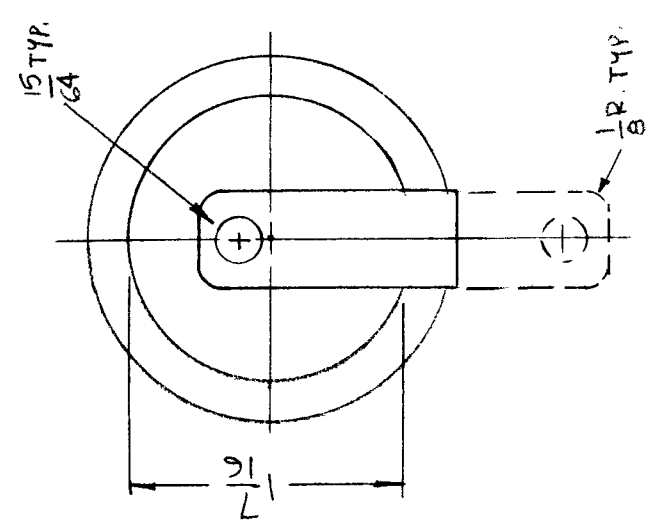
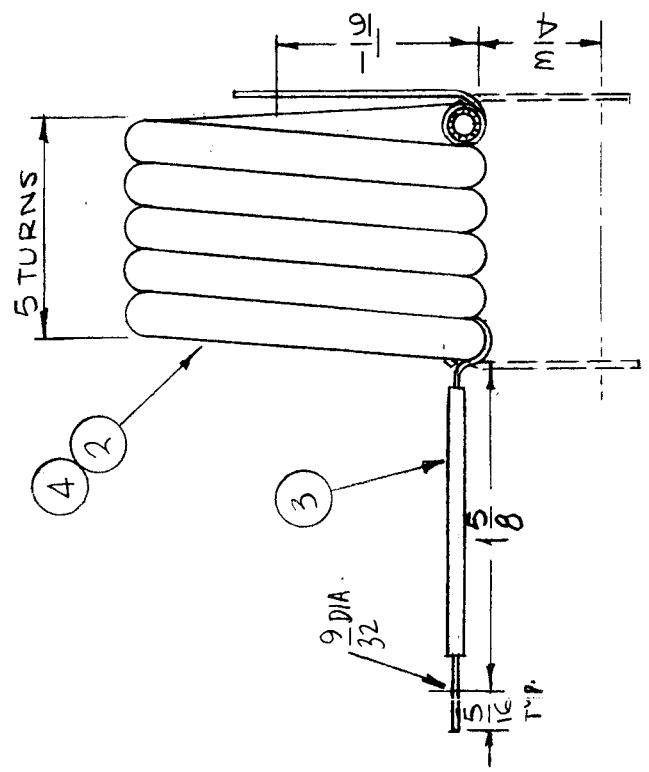
SYMBOL	FUNCTION	OPER. FREQ.	USED ON	QUAN.
IF INTERSTAGE	1.75 MC	TTR10 STR1 STR2 SMR1		



REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
		THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
		COIL, INTERMEDIATE FREQ., FIXED	
		2. U. 270	
		DRY CLEAN CHECKED	
		ELEC. DES. APP. MECH. DES. APP.	
		FIN. APPROVAL	
		CL400 B	
		FINISH & SPEC. NO.	
		TYPE & TEMPER HEAT TREAT. SPEC.	
		MATERIAL	
		STOCK SIZE	
		SCALE	
		DO NOT SCALE	
		DATE	
		CH. NO.	
		DRAFTS	
		CHECKER	
		ENG. APP.	
		NO	
		EMN	
		CV	
		17963	
		3.15.67	
		UHD	
		1A4470	
		ADD reference	
		ORIGINAL RELEASE BY PROD. 10-24-66	
		EXPERIMENTAL RELEASE 6-24-68	
		SCALE	
		UNLESS OTHERWISE SPECIFIED	
		DIMENSIONS ARE IN INCHES AND INCLUDE	
		CHEMICALLY APPLIED OR PLATED FINISHES	
		FRACTIONS	
		± 1/64	
		ANGLES	
		± 0° 30'	
		TOLERANCES	
		CODE	
		1A4470	
		A	

REQ. PER UNIT	MODEL	USED ON
1EA	KIT244A	ASSY. NO.
		DATE
		7-20-66

CL403 \emptyset



ALL STRAPS
 1/2 X 032 SOFT R. COPPER
 FINISH:
 S245 SILVER PLATE
 S423 SILVER KOTE
 COIL
 3/16 OD. SILVER PLATED
 COPPER TUBING, TEFLON
 COVERED.

TMC P/N	ITEM 3
CL403-1	AS SHOWN YES
CL403-2	SHOWN DOTTED NO

REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
4	PX 370-S-7-25.5	INS. SLVG. ELECT	
3	PX 370-37-7-1.75	INS. SLVG. ELECT	
X 2	TU100-2-S	TUBING, COPPER	
X 1	BS101	BRAZING ALLOY, SILVER	
		F. BUDETTI	

STOCK SIZE		MATERIAL	
		THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
TYPE & TEMPER	HEAT TREAT. SPEC.	DRAWN	CHECKED
FINISH & SPEC. NO.		ELEC. DES. APP. MECH. DES. APP.	
		FINAL APPROVAL	
		CL403 \emptyset	

SYM	DESCRIPTION	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
\emptyset	ORIGINAL RELEASE FOR PRODUCTION	7/27/66	\emptyset	CV		
X	EXP. RELEASE	7-20-66	X			

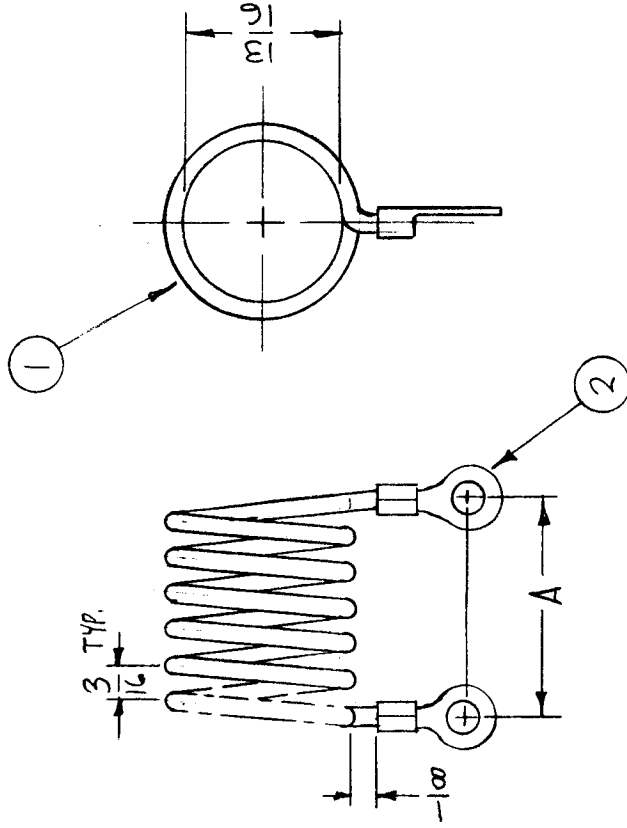
UNLESS OTHERWISE SPECIFIED	SCALE
DIMENSIONS ARE IN INCHES AND INCLUDE	1:1
CHEMICALLY APPLIED OR PLATED FINISHES	
DECIMALS	
.X \pm .05	
.XX \pm .01	
.XXX \pm .005	
FRACTIONS	
\pm 1/84	
ANGLES	
\pm 0° 30'	
TOLERANCES	CODE
	A

REQ. PER UNIT
SEE CHART

MODEL
AF 107

USED ON
ASSY. NO. DATE
7-26-66

CL 404 Ø

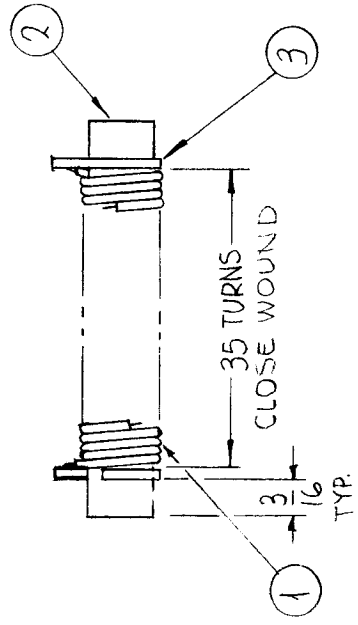


TMC P/N	A	TURNS	REQ.
CL404-1	7/8	5	2
CL404-2	1-1/8	6	1

REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
X 3	BS100	SOLDER, TIN ALLOY	
2	TE141-1	TERMINAL LUG #G	
X 1	WL100-1	WIRE, ELECT. BUSS	
		F. BUDETTI	DESCRIPTION
		THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	SYMBOL
		COIL, RF	SYMBOL

SYM	DESCRIPTION	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
Ø	ORIG. REL. FOR PROD.	7-5-67	Ø	R.G.		
X1	MODEL WAS TFP-2.5K	7-6-67	X1			
X	EXP. RELEASE	7-26-66	X			
UNLESS OTHERWISE SPECIFIED		SCALE 1:1				
DIMENSIONS ARE IN INCHES AND INCLUDE		FRACTIONS				
CHEMICALLY APPLIED OR PLATED FINISHES		ANGLES ± 0° 30'				
TOLERANCES		A				
DECIMALS		S401 - 45I				
.X ± .05		S401 -				
.XX ± .01		S401 -				
.XXX ± .005						

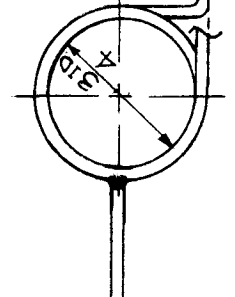
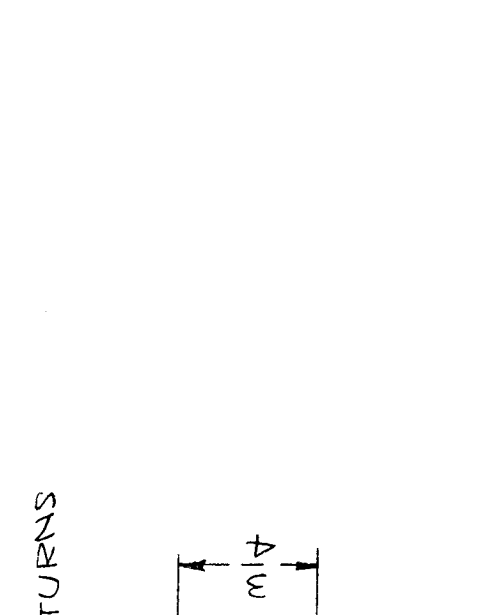
REQ. PER UNIT	USED ON	CL405	Ø
	MODEL	TLAA-2.5K	
	ASSY. NO.	A5495	
	DATE	6-7-66	



REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
X 5	BS100	SOLDER, TIN ALLOY	
X 4	GL104-2	UBS, INSG, VARN. ELECT.	
2 3	TE153-1	TERM., RING TYPE	
1 2	CI112Q1-2ROF	CORE, ROD	
X 1	WI147-3	WIRE, ELEC., TEF.	
		F. BUDETTI	
		THE TECHNICAL MATERIEL CORP.	
		MAMARONECK.	
		NEW YORK	
		CHOKE, RF	
TYPE & TEMPER		DRAWN	
HEAT TREAT. SPEC.		CHECKED	
FINISH & SPEC. NO.		ELEC. DES. APP. MECH. DES. APP.	
		FINAL APPROVAL	
		CL405	Ø

Ø ORIGINAL RELEASE	11/1/66	Ø					
X2 GL104-2 WAS GL130 DWC WAS 1/2	9-21-66	X2	PRO				
X1 ITEM 2 WAS CI112Q2-2-B	8-22-66	X1	PRO				
X EXP. RELEASE	7-29-66	X	PRO				
SYM	DESCRIPTION	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.	
	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES	SCALE	1:1				
DECIMALS X ± .05 .XX ± .01 .XXX ± .005	FRACTIONS ± 1/64 ANGLES ± 0° 30'	TOLERANCES	CODE	A			

REQ. PER UNIT	USED ON	CL406	Ø
1	MODEL	TLAA-25K	
	ASSY. NO.		
	DATE	8-24-66	



X 3	BS100	SOLDER TIN ALLOY	SYMBOL	
1	TE141-1	TERM. LUG #6		
X 1	WL100-2	WIRE, ELEC. BUSS		
REQ. ITEM	PART NO.	BUDETTI DESCRIPTION		
		THE TECHNICAL MATERIEL CORP. MAMARONECK. NEW YORK		
	STOCK SIZE			
	MATERIAL	COIL		
	HEAT TREAT. SPEC.	19-24 MHz / 24-30 MHz BANDS		
	CHECKER	OS		
	ENGINEER	OS		
	DATE	8-24-66		
	SCALE	1:1		
	TOLERANCES	FRACTIONS ± 1/64 DECIMALS ± .05 ANGLES ± 0° 30'		
	FINISH & SPEC. NO.	CL406		
	ELEC. DES. APP.	MECH. DES. APP.		

ORIGINAL RELEASE FOR PRODUCTION
 X2 COMPLETELY REVISED
 X1 COMPLETELY REVISED
 X EXP. RELEASE

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

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

TOLERANCES
 FRACTIONS ± 1/64
 ANGLES ± 0° 30'

SCALE 1:1

DATE 11-18-66
 CH. NO. X2
 CHECKER RME
 DRAFTS MJE
 ENGINEER RJB

DATE 11-14-66
 CH. NO. X1
 CHECKER RME
 DRAFTS MJE
 ENGINEER RJB

DATE 10-31-66
 CH. NO. X
 CHECKER RME
 DRAFTS MJE
 ENGINEER RJB

DATE 8-24-66
 CH. NO. X
 CHECKER RME
 DRAFTS MJE
 ENGINEER RJB

DATE 11-18-66
 CH. NO. X
 CHECKER RME
 DRAFTS MJE
 ENGINEER RJB

REQ. PER UNIT
1

MODEL
TLAA-2SK

USED ON
ABBY. NO.
A5498

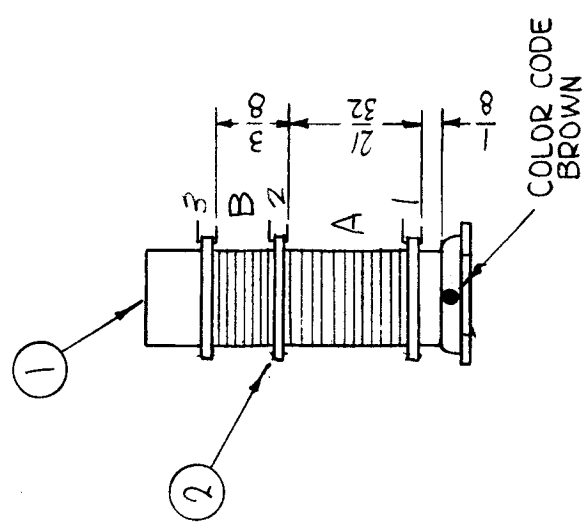
DATE
8-22-66

CL407

A

SCHMATIC

1 A 2 B 3
60T 30T



NOTE:

- SINGLE LAYER CLOSE WOUND
- WINDING: ALL SAME DIRECTION
- APPLY ITEM 4 AFTER FINISHING

PROCEDURE:

A~ WIND 60 TURNS OF ITEM 3 & SECURE TO ITEM 2 WITH ITEM 5.

B~ WIND 30 TURNS OF ITEM 3 & SECURE TO ITEM 2 WITH ITEM 5.

ELECT SPECS: (VALUES OF "Q" AND "L" $\pm 10\%$)

A~ L = 2.9 μ H Q = 89 TEST FREQ 2.5 MHZ

B~ L = 1.19 μ H Q = 67 TEST FREQ 2.5 MHZ

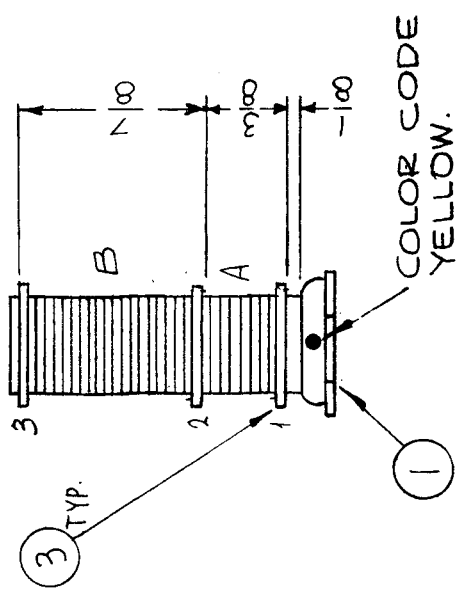
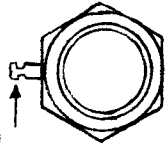
X 5	BS100	SOLDER, TIN ALLOY	
X 4	GL104-2	INSULEX U-85	
X 3	WI123-32	WIRE, ELECT, MAG, HT	
3	TE146-1	TERMINAL LUG, COLLAR	
1	CF138	FORM, COIL	
REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
		F. BUDETTI	SK3138-009-CLI
STOCK SIZE		THE TECHNICAL MATERIEL CORP. MAMARONECK. NEW YORK	
MATERIAL		PLATE COIL, 2ND AMPL	
TYPE & TEMPER	HEAT TREAT. SPEC.	DRAWN	CHECKED
		<i>[Signature]</i>	<i>[Signature]</i>
FINISH & SPEC. NO.		ELEC. DES. APP.	MECH. DES. APP.
		<i>[Signature]</i>	<i>[Signature]</i>
		FINAL APPROVAL	
		<i>[Signature]</i>	CL407
			A

SYM	DESCRIPTION	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
A	ELECT. SPECS. 'A' WAS 23 MHZ 'B' WAS 3-4 MHZ	1-26-67	1777	WLB	WLB	<i>[Signature]</i>
X	ORIGINAL RELEASE FOR PRODUCTION	11-11-66	---	WLB	WLB	<i>[Signature]</i>
X	DIM. ADDED, 17.2 WAS TE146-4	9-15-66	X	WLB	WLB	<i>[Signature]</i>
X	EXP. RELEASE	8-22-66	X	WLB	WLB	<i>[Signature]</i>
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES		SCALE	1:1			
DECIMALS	TOLERANCES	FRACTIONS	CODE			
.X $\pm .05$.XX $\pm .01$	$\pm 1/64$	X			
.XXX $\pm .005$	ANGLES $\pm 0^{\circ} 30'$					

CL408 B

REQ. PER UNIT	MODEL	USED ON ASSY. NO.	DATE
1	TLAA-25K		8-23-66

SCHEMATIC
A
B
1 (277) 2 (247) 3
1,2,3



PROCEDURE:

- A ~ WIND 27 TURNS OF ITEM 4 & SECURE TO ITEM 3 WITH ITEM 2.
- B ~ WIND 24 TURNS OF ITEM 6 & SECURE TO ITEM 3 WITH ITEM 2.

ELEC SPECS: (VALUES OF "Q" AND "L" ± 10%)

- A ~ L = 0.8 μH Q = 94 TEST FREQ = 7.9 MHZ
- B ~ L = 4.5 μH Q = 84 TEST FREQ = 7.9 MHZ

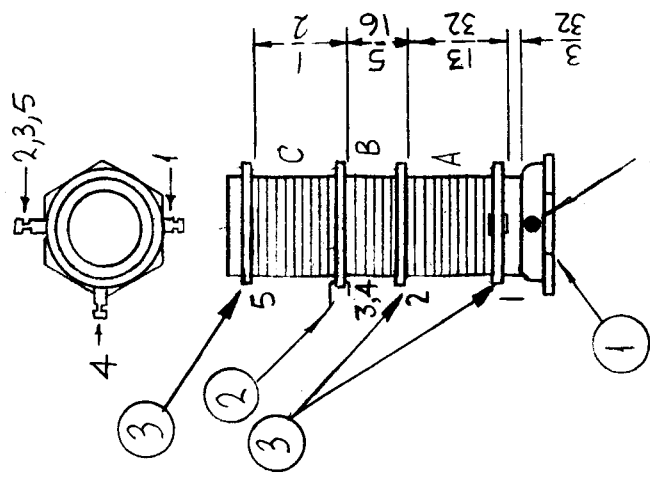
- NOTE:
- SINGLE LAYER CLOSE WOUND.
 - WINDING: ALL SAME DIRECTION
 - APPLY ITEM 5 AFTER FINISHING

B	17.6 ADDED & UPDATED	4-22-68	18884	NA	FB 10
A	ELEC. SPECS. ADDED FOR PRODUCTION	1-26-67	17717	WV	QCS
Ø		11-18-66	Ø	RME	
X2	WI123-17 DEL., 2 ITEM 3 DEL.	11-14-66	X2		
X1	TE146-4 DEL., DIM. ADDED	9-15-66	X1		
X	EXP. RELEASE	8-23-66	X		

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

X 6	WI123-22	WIRE, ELECT. MAG.
X 5	GL104-2	INSULEX U-85
X 4	WI123-30	WIRE, ELECT. MAG. HT
3	TE146-1	TERMINAL LUG, COLLAR
X 2	BS100	SOLDER, TIN ALLOY
1	CF138	COIL FORM
REQ. ITEM	PART NO.	F. BUDETTI DESCRIPTION SK3138-009-CL3 SYMBOL
		THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK
	STOCK SIZE	PLATE COIL, 2 ND AMPL
	MATERIAL	4-5 MHz / 5-7 MHz BANDS
	TYPE & TEMPER	DRAWN <i>MS</i> CHECKED <i>MS</i> FINAL APPROVAL <i>MS</i>
	HEAT TREAT. SPEC.	
	FINISH & SPEC. NO.	ELEC. DES. APP. MECH. DES. APP. CL408 B

SCHMATIC
 13 1/2 T. 8 T. 6 3/4 T.
 1 A 2 B 3 4 C 5



NOTE:
 - SINGLE LAYER CLOSE WOUND.
 - WINDING, ALL SAME DIRECTION.
 - APPLY ITEM 6 AFTER FINISHING.

REQ. PER UNIT	MODEL	USED ON ASSY. NO.	DATE
1	TLAA-25K	A5498	8-23-66

CL409 C

PROCEDURE:

- A - WIND 13-1/2 TURNS OF ITEM 4 & SECURE TO ITEM 3 WITH ITEM 7.
- B - WIND 8 TURNS OF ITEM 4 & SECURE TO ITEM 3 WITH ITEM 7.
- C - WIND 6-3/4 TURNS OF ITEM 5 & SECURE TO ITEM 2 WITH ITEM 7.

ELECT SPECS: (ALL VALUES OF "L" & "Q" ± 10%)

- A - L = 2.1 μH Q = 76 , TEST FREQ. 7.9 Mc.
- B - L = 1.2 μH Q = 89 , TEST FREQ. 25 Mc.
- C - L = 0.52 μH Q = 163 , TEST FREQ. 25 Mc. TEST EQUIP.

BOOTON "Q" METER MODEL 260A OR EQUIV.

REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
X 7	BS100	SOLDER TIN ALLOY	
X 6	GL104-2	INSULEX U85	
X 5	WI123-17	WIRE ELECT. MAG. H.T.	
X 4	WI123-23	WIRE ELECT. MAG. H.T.	
3 3	TE14G-1	TERMINAL, LUG, COLLAR	
1 2	TE14G-2A	TERMINAL, LUG, COLLAR	
1 1	CF 138	FORM, COIL	
		F. BUDETTI	DESCRIPTION SK3138-009-CL2
THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK			
STOCK SIZE MATERIAL PLATE COIL, 2ND AMPL			
TYPE & TEMPER		HEAT TREAT. SPEC.	DRAWN
FINISH & SPEC. NO.		ELEC. DES. APP.	MECH. DES. APP.
		CHECKED	FINAL APPROVAL
		M/L	CL409 C

SYM	DESCRIPTION	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
C	B - WAS 9 TURNS	12-19-67	18677	HB		
B	C WAS 7 3/4, L 7 0.68 μH, Q = 125 TEST EQUIP ADDED	4-19-67	18128	L.A.K.		
A	COMP. REVISED	2-16-67	17799	RME		
	ORIGINAL RELEASE FOR PRODUCTION	11-11-66		WHD		
X 1	DIM. ADDED, IT 2 WAS TE14G-4 PROCEDURE 'A' WAS 15 1/2 TURNS	9-15-66	X 1			
X	EXP. RELEASE	8-22-66	X			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES		SCALE				
DECIMALS		FRACTIONS		TOLERANCES		CODE
.X ± .05		± 1/64		ANGLES		A
.XX ± .01		± 0° 30'				
.XXX ± .005						

REQ. PER UNIT	1	USED ON	
MODEL	TLAA-2.5K AS497	ABB'Y. NO.	AS497
DATE	11-1-66		

ELEC. SPECS
 L = 670_{yh} MIN.
 1300_{yh} MAX.



SYM	DESCRIPTION	SCALE	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
B	ADD. L-ETC. ON ELEC. SPECS	1:1	2-19-69	19230	GE	FB	
A	67 TURNS WAS CLOCK-WISE. IT WAS CII12-Q1 ORIGINAL RELEASE FOR PRODUCTION		2-17-67	17799	RME		
Ø	EXP. RELEASE		11/18/66	Ø			
X			11-2-66	X			

REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
2	EY102-8	GROMMET, RUBBER	
X	WI147-3	WIRE, ELEC. TEFLON	
1	CII12-Q2-GR375-L	CORE, ROD	
		F. BUDETTI	
		THE TECHNICAL MATERIEL CORP. MAMARONECK. NEW YORK	
		COIL, RF	

TYPE & TEMPER	HEAT TREAT. SPEC.	MATERIAL	FINISH & SPEC. NO.

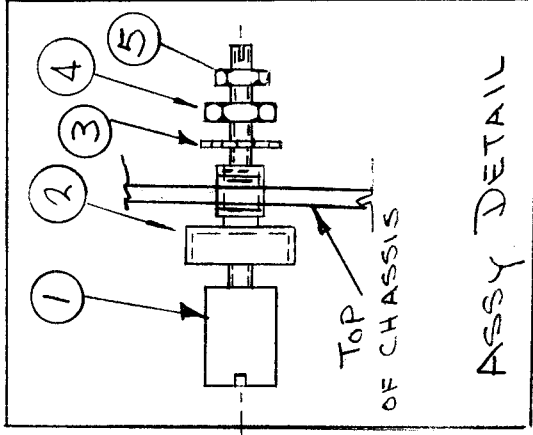
DRAWN	CHECKED	FINAL APPROVAL

ELEC. DES. APP.	MECH. DES. APP.

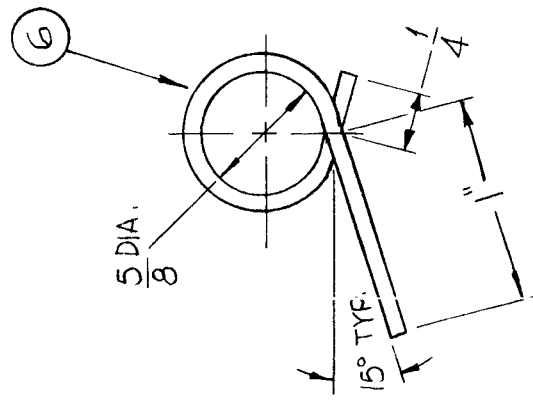
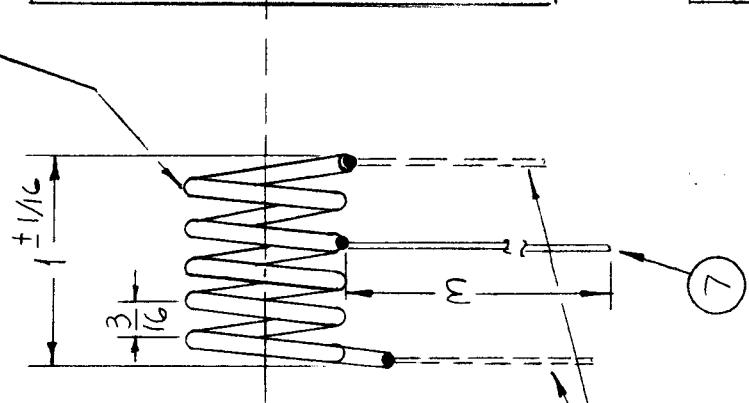
REQ. PER UNIT		USED ON	
1	MODEL	ASSY. NO.	DATE
	RFA-1B		11-1-66
CL414			

ELEC. SPECIFICATIONS
(W/O ITEMS 1, 2, 3, 4, 5)
L- .30uh ± 10%
Q- GREATER THAN 175
TEST FREQ. - 25 MC

TEST COIL USING BOONTON
Q METER MOD. 160A OR EQUIV.
REMOVE TWO 1" TEST LEADS
(ITEM 7) AFTER TESTING.



STURNS
CCW



REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
X 8	BS100	SOLDER, TIN ALLOY	
X 7	WI100-7	WIRE, BUSS BAR	
X 6	WI100-2	WIRE, BUSS BAR	
1 5	NTH 0632BM4	NUT, PLAIN HEX	
1 4	NT102	NUT, HEX	
1 3	LWE 25MRN	WASHER, LK, EXTERNAL	
1 2	SM142	BUSHING, COIL MTG.	
1 1	CI109-19	CORE, TUNING	

REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
AS SHOWN			
STOCK SIZE			
AS SHOWN			
MATERIAL			
THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK			
COIL, RF			
TYPE & TEMPER	HEAT TREAT. SPEC.	DRAWN	CHECKED
NONE		sg	JW 11/1/66
FINISH & SPEC. NO.		0.0	OB
			FINAL APPROVAL
			CL414

SYM	DESCRIPTION	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
Q	ORIGINAL RELEASE	11-1-66			WHD	
X1	REDRAWN, REVISED	11-1-66	X1		JW	
X	EXP. RELEASE	10-24-66	X		JW	

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

SCALE 1:1

CODE A

FRACTIONS ± 1/64
ANGLES ± 0° 30'

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

CL415 A

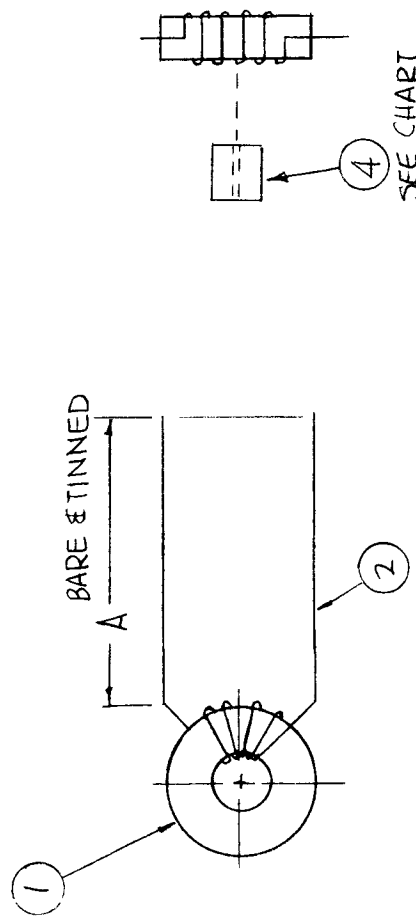
REQ. PER UNIT	MODEL	USED ON
1	TLAA-25K A5498	ABS'Y. NO.
		DATE
		10-3-66

SPECS:

CL415-1 ~ Q=30 MIN. } ±10%
 L=4.05 μh

CL415-2 ~ Q=50 MIN. } ±10%
 L=1.96 μh

MEASURED ON BOONTON
 260B Q METER, 7.9 MZ



SEE CHART

TMC P/N	A	TURNS	SYMBOL	ITEM 4
CL415-1	3	6	T2000	YES
CL415-2	1-1/2	4		NO

REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
X 5	BS100	SOLDER, TIN ALLOY	
1	TE117-80	SPACER	
X 3	GL104-2	INSULEX, UBS	
X 2	WI122-25	WIRE, ELEC. MAGNET	
1	CI128-1	CORE, TOROID	
		F. BUDETTI	
		THE TECHNICAL MATERIEL CORP.	
		MAMARONECK, NEW YORK	
		COIL, RF, TOROID	
		MATERIAL	
		STOCK SIZE	
		TYPE & TEMPER	
		HEAT TREAT. SPEC.	
		CHECKED	
		DRAWN	
		ELEC. DES. APP.	
		MECH. DES. APP.	
		FINISH & SPEC. NO.	
		CL415	A

DEL. SYM.	T2001	Req. Per Unit	MS 1 ea.	3-26-7/1986	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
X2	ORIGINAL RELEASE FOR PRODUCTION	12.1.66			11-30-66				
X1	IT-4 REVERSED, Q WAS 40, 65	11/28/66			10-3-66				
X	ADD IT. 5								
X	EXP. RELEASE								

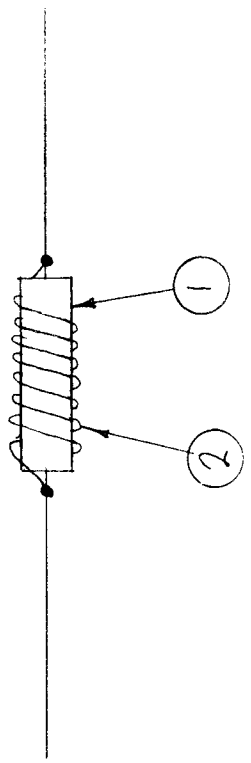
REQ. PER UNIT	USED ON	
	MODEL	ASSY. NO.
1	SMEA-1	A4543
1	SMEB-1	A4543
1	SMEC-1	A4543
1	SMEC-1	A4543

DATE
12-21-66
12-21-66
12-21-66
12-21-66

CL416 Ø

PROCEDURE:

- 1- CLOSE WOUND 19 TURNS OF ITEM 2 AROUND ITEM 1, & SECURE WITH ITEM 4.
- 2- APPLY ITEM 3 & BAKE FOR 1/2 HR AT 140°F.



SPECIFICATIONS:

INDUCTANCE: $\pm .188 \mu h \pm 5\%$
 TEST FREQ: 25 MC ON BOONTON Q. METER.
 Q. - UNSPECIFIED.

REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
X 4	BS100	SOLDER, TIN ALLOY	
X 3	GL10Z	ADHESIVE-Q-MAX	
X 2	WI141-32-9	WIRE ELEC MAG.	
1	RC20GF10ZJ	RES FIXED COMP.	

SYMBOL	DESCRIPTION	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
Ø	ORIG RELEASE FOR PROD	6-2-67		RG		
X	EXP. RELEASE	12-2-66				

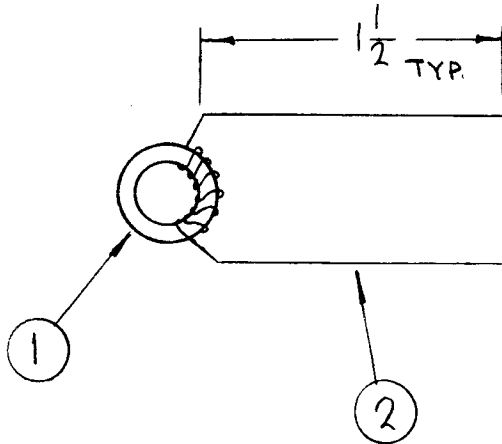
THE TECHNICAL MATERIEL CORP.
 MAMARONECK, NEW YORK

COIL, RF

FINAL APPROVAL
[Signature]

CL416 Ø

APPLICATION			REVISIONS						
QTY	MODEL USED ON	ASS'Y NO.	LTR	DESCRIPTION	DATE	E.M.N.NO	DRAFT	CHKD	APPD
1	TLAA-2.5K	A-4462	X	EXP. RELEASE	2-23-67				
			Ø	ORIGINAL RELEASE FOR PRODUCTION	2/23/67	Ø	CV		
			A	WIND. DATA CLARIFIED TEST EQUIP CHGD.	8/23/67	18452	H.G.		FB



- PROCEDURE:
- CLOSE WIND 6 FULL TURNS OF ITEM 2 AROUND ITEM 1.
 - APPLY ITEM 3.
 - STRIP & TIN LEADS 1-1/2.

ELEC. SPECS.
 L - 20.0 μh MIN.
 Q - GREATER THAN ONE

TEST FREQ.
 1 KC, TESTED WITH
 GENERAL RADIO
 IMPEDANCE BRIDGE

REQ'D	ITEM	PART NUMBER	DESCRIPTION	SYM.
X	4	BS100	SOLDER, TIN ALLOY	
X	3	GL104-2	INSULEX, U85	
X	2	WI122-25	WIRE, ELEC. MAGNET	
1	1	CI115	CORE, TOROID, RING TYPE	T2001

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	MECH. DES.	DATE
FINISH	ELECT. DES.	DATE
	CHECKED	DATE
	DRAWN	DATE

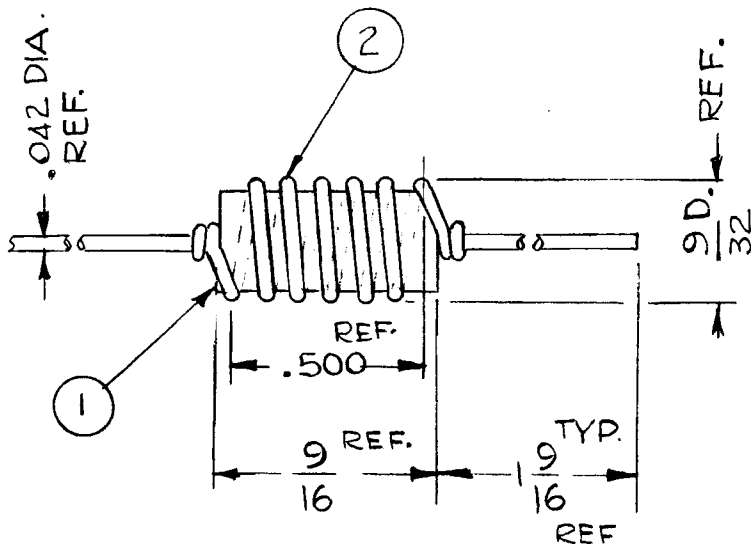
F. BUDETTI
 MECH. DES. [Signature]
 DATE 2/23/67
 ELECT. DES. [Signature]
 DATE
 CHECKED [Signature]
 DATE
 DRAWN [Signature]
 DATE 2-22-67

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

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SIZE A	CODE IDENT. NO. 82679	DWG NO. CL 418	ISSUE A
SCALE 1:1	M/L [Signature]	SHEET	OF

APPLICATION			REVISIONS						
QTY	MODEL USED ON	ASS'Y NO.	LTR	DESCRIPTION	DATE	E.M.N.NO	DRAFT	CHKD	APPD
1	MMX - ()	A4480	X	EXP. RELEASE	5-2-67		G.D.L		<i>[Signature]</i>
1	VOX - 7	A4574	X1	DIMS. REF. ADDED	5-25-67		G.D.L		<i>[Signature]</i>
			<input checked="" type="checkbox"/>	ORIG. RELEASE FOR PROD.	7/10/67	<input checked="" type="checkbox"/>	CV.		
			A	ITEM 1 WAS CF 140	10.24.67	18568	H.Y		<i>[Signature]</i> TOP



WINDING PROCEDURE

- 1- WIND 5 1/2 TURNS AT A RATE OF 11 T.P.I. AS SHOWN.
- 2- STRIP & SOLDER TO END LEADS.
- 3- BAKE 1/2 HR AT 215°F. TO REMOVE MOISTURE.
- 4- COAT COIL WITH ITEM 4 & BAKE 1/2 HR AT 215°F.

ELECTRICAL SPECS.

$L = 0.1 \mu h \pm .01 \mu h$
 $Q = 75 \text{ MIN. AT } 25 \text{ Mc.}$

REQ'D	ITEM	PART NUMBER	DESCRIPTION	SYM.
X	4	GL104-2	INSULATING VARNISH U85	
X	3	BS100	SOLDER, TIN ALLOY	
X	2	WI 141 -22-9	WIRE, ELEC. MAG.	
1	1	RC32GF226J	RESISTOR, FXD COMP.	

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'

O. POSE LIST OF MATERIAL

THE TECHNICAL MATERIEL CORP.
MAMARONECK, NEW YORK

COIL , 40 MC

FINAL APPROVAL <i>[Signature]</i>	DATE 7/19/67
MECH. DES.	DATE
ELECT. DES. <i>[Signature]</i>	DATE 7/10/67
CHECKED <i>[Signature]</i>	DATE 7-10-67
DRAWN G.D.L	DATE 5-2-67

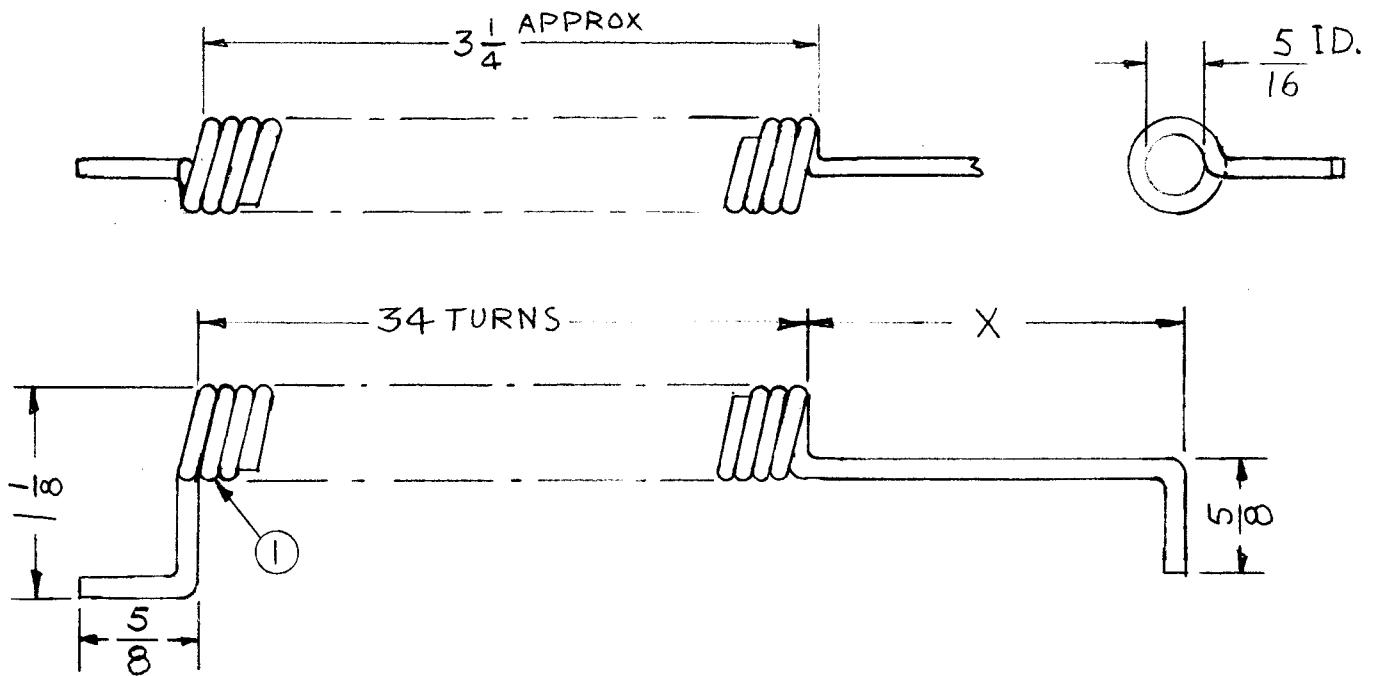
MATERIAL
FINISH
S401-451

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SIZE A	CODE IDENT. NO. 82679	DWG NO. CL 419	ISSUE A
SCALE 2:1		SHEET OF	

APPLICATION			REVISIONS							
QTY	MODEL USED ON	ASS'Y NO.	LTR	DESCRIPTION	DATE	E.M.N.NO	DRAFT	CHKD	APPD	
IEA	LPA-2		X	EXP RELEASE	9-28-67		H.G.	<i>[Signature]</i>	<i>[Signature]</i>	
			Ø	ORIG RELEASE FOR PROD	10-9-67	Ø	C.V.	<i>[Signature]</i>		

TMC	P/N	X
CL425 - 1		2
CL425 - 2		1



REQ'D	ITEM	PART NUMBER	DESCRIPTION	SYM.
X	1	WI122-12	WIRE, ELEC, MAG, T	
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: S401-451 FINISH: NONE				
F. BUDETTI MECH. DES. <i>[Signature]</i> ELECT. DES. <i>[Signature]</i> CHECKED <i>[Signature]</i> DRAWN H.G.			LIST OF MATERIAL THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK COIL, RF	
FINAL APPROVAL <i>[Signature]</i> DATE 10/6/67 DATE 10/6/67 DATE 10/6/67 DATE 9-28-67				

SIZE	CODE IDENT. NO.	DWG NO.	ISSUE
A	82679	CL425	Ø
SCALE 1:1		M/L <i>[Signature]</i>	SHEET OF

APPLICATION			REVISIONS							
QTY	MODEL USED ON	ASS'Y NO.	LTR	DESCRIPTION	DATE	E.M.N.NO	DRAFT	CHKD	APPD	
	HFSR-4		X	EXPERIMENTAL RELEASE	2/12/68	X	C.V.	<i>[Signature]</i>	<i>[Signature]</i>	
			X1	CL430-6 ADDED	5/7/68	X1	C.V.			
			X2	CL430-7 ADDED	7/30/68	X2	C.V.			
			Ø	ORIG. RELEASE FOR PROD.	10/25/68	Ø	R.G.			
			A	CL430-8 ADDED	4-28-69	19389	GE	<i>[Signature]</i>	<i>[Signature]</i>	

TMC P/N	MFGR TYPE VIV-	uH	Q	@	Mc
CL430-1	0.47	0.47	100		25
-2	0.68	0.68	100		25
-3	15.0	15.0	65		2.5
-4	150.0	150.0	50		.79
-5	6.80	6.80	80		7.9
-6	100.	100.0	50		2.5
-7	3.30	3.30	45		7.9
-8	1.00	1.00	90		25

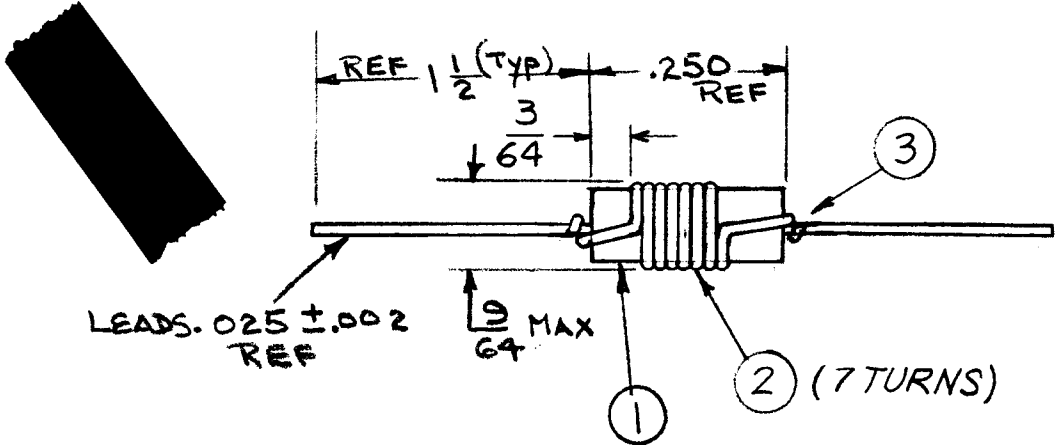
MFR (TMC CODE NO): S401-134
CASE: EPOXY ENCAPSULATED
SIZE: 1/2 X.400 DIA
TYPE MTG: VERTICAL #22 AWG LUGS
.300" APART

PURCHASING NOTE: VENDOR MUST INCLUDE THE FOLLOWING INFORMATION WHEN SHIPPING THIS ITEM TO TMC.

1. AN OUTLINE DRAWING OF ILLUSTRATION FROM CATALOG SHOWING ALL PERTINENT DIMENSIONS AND TOLERANCES.
2. ELECTRICAL AND/OR MECHANICAL SPECIFICATIONS AS SHOWN IN THEIR CATALOGS.

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES		REQ'D	ITEM	PART NUMBER	DESCRIPTION	SYM.	
DECIMALS .X ± .05 .XX ± .01 .XXX ± .005 FRACTIONS 1/64 ANGLES 0°-30°		HOGAN LIST OF MATERIAL					
MATERIAL		FINAL APPROVAL <i>[Signature]</i>		DATE 11/23/68		THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK COIL, VARIABLE, MINIATURE	
FINISH		MECH. DES.		DATE			
		ELECT. DES.		DATE			
		CHECKED <i>[Signature]</i>		DATE 11/23/68			
		DRAWN <i>[Signature]</i>		DATE 2-16-69			
NOTICE TO PERSONS RECEIVING THIS DRAWING 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.				SIZE A	CODE IDENT. NO. 82679	DWG NO. CL 430	ISSUE A
				SCALE	SHEET		OF

APPLICATION			REVISIONS							
QTY	MODEL USED ON	ASS'Y NO.	LTR	DESCRIPTION	DATE	E.M.N.NO	DRAFT	CHKD	APPD	
2	SME-6	A4647-1	X	EXP. RELEASE	3/25/68	+	<i>WZ</i>	<i>WZ</i>		
2	↑	↑ -2	Ø	ORIGINAL RELEASE FOR PROD	7/16/68	Ø	HGT	JA	J De	
2										
2										
2										
2										
2										
2										
2										
2	SME-6	A4647-9								



NOTES:

1. WIND 7 TURNS CLOSE WOUND AS SHOWN.
2. STAKE LEADS WITH ITEM 4.
3. TWIST ENDS 1 TURN AROUND AXIAL LEADS AND SOLDER WITH ITEM 3.
4. COAT WINDING & RESISTOR WITH ITEM 4.
5. ELECTRICAL SPECS: DO NOT APPLY.

REQ'D	ITEM	PART NUMBER	DESCRIPTION	SYM.
X	4	GL 102	ADHESIVE-Q-MAX	
X	3	BS 100	SOLDER, TIN ALLOY	
X	2	WI 141-25	WIRE, ELEC, MAG, T	
1	1	RC07GF470K	RESISTOR, FXD, COMP	

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°

MECH. DES.	DATE	LIST OF MATERIAL	
<i>[Signature]</i>	7/16/68	THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK SUPPRESSOR, PARASITIC	
ELECT. DES.	DATE		
<i>[Signature]</i>	7/16/68		
CHECKED	DATE		
<i>[Signature]</i>	7/16/68		
DRAWN	DATE		
<i>[Signature]</i>	3/25/68		

MATERIAL: S401-451

FINISH: S401-451

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SIZE	CODE IDENT. NO.	DWG NO.	ISSUE
A	82679	CL 432	Ø
SCALE	SHEET		OF

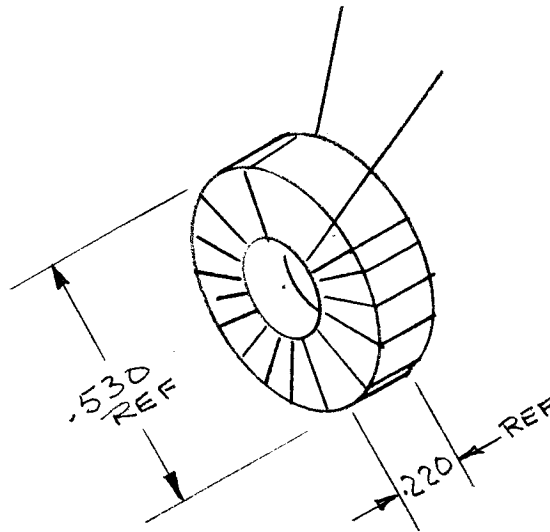
APPLICATION			REVISIONS						
QTY	MODEL USED ON	ASS'Y NO.	LTR	DESCRIPTION	DATE	E.M.N.NO	DRAFT	CHKD	APPD
	MSAR-4		X	EXPERIMENTAL RELEASE			C.V.		
			Ø	ORIG. RELEASE FOR PROD.	12/22/68		C.V.		<i>NOB</i>
			A	DIMENSIONS ADDED	3/23/69	<i>H</i>	<i>fDa</i>	<i>fDa</i>	<i>op</i>

ELECTRICAL SPECIFICATIONS

L: 7.3 uH ±1%

Q: 120 MIN

TEST FREQ: 7.9 MHz



WINDING DATA

1. TURNS: 35
2. UNIFORM SPACING ON WINDINGS.
3. TO OBTAIN EXACT INDUCTANCE SPACING MAYBE VARIED SLIGHTLY.

REQ'D	ITEM	PART NUMBER	DESCRIPTION	SYM.
1	2	CI140-1	COIL, FORM	
X	1	WI141-28-9-T2	WIRE, ELECTRICAL	

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	MECH. DES.	DATE
FINISH	ELECT. DES.	DATE
	CHECKED	DATE
	DRAWN	DATE

LIST OF MATERIAL

THE TECHNICAL MATERIEL CORP.
MAMARONECK, NEW YORK

COIL, TOROIDAL, FIXED

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SIZE	CODE IDENT. NO.	DWG NO.	ISSUE
A	82679	CL 436	A
SCALE	SHEET		OF

CL437

USED ON
REQ. PER UNIT
MODEL
ASSY. NO.
DATE

SPEC-1F3
11/12/68

1. WIND 250T PER SECTION 2 SECTIONS, 265T ON THIRD SECTION. (REMOVE TURNS TO MEET INDUCTANCE)
 2. SECURE FINISH LEAD WITH Q DOPE.
 3. PLACE BOBBIN INSIDE CORE, ITEM 3 AND SET ADJUSTOR FLUSH WITH CORE
 4. TEST FOR ELECTRICAL SPECS.
 5. REMOVE BOBBIN FROM CORE AND BAKE FOR 15 MIN. IN 150°F OVEN. COAT WINDING WITH Q DOPE AND BAKE FOR 1/2 HR IN 180°F OVEN.
 6. ASSEMBLE & WIRE ENTIRE ASSEMBLY AS SHOWN.
 7. TEST FOR ELECTRICAL SPECS
- TEST PROCEDURE - USING TEST CIRCUIT SHOWN
1. TUNE GEN. FOR MAX. OUTPUT ON VTVM. FREQ SHALL BE BETWEEN 1754 AND 1803 CPS. = F₀.
 2. SET GEN. LEVEL TO PRODUCE 0.1V OUTPUT ON VTVM.
 3. INCREASE GEN. FREQ. TO PRODUCE 70MV. READ OUTPUT FREQ. = F₂
 4. DECREASE GEN. FREQ. & REPEAT PROCEDURE 3. = F₁
 5. $Q = \frac{F_0}{F_2 - F_1}$. Q SHALL BE AT LEAST 75

REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
X 6	BS 100	SOLDER, TIN ALLOY	
X 5	GL 102	Q DOPE	
1 4	CU 165-1	RETAINER & MTG HDW.	
1 3	CI 137-10	CORE, POT ADJUSTABLE	
1 2	CF 135-15	COIL FORM (BOBBIN)	
X 1	WI-141-33-9	WIRE, MAGNET	
		ANGER	

THE TECHNICAL MATERIEL CORP.
MAMARONECK, NEW YORK

1. ANGER
DRAWN
CHECKED
FINAL APPROVAL 11/27/68

TYPE & TEMPER HEAT TREAT SPEC

FINISH & SPEC. NO.

ELEC. DES. APP. MECH. DES. APP.

CL437

ELECTRICAL SPECS

L = 364 MH ± 10 MH.
ADJUSTOR SET
FLUSH WITH CORE

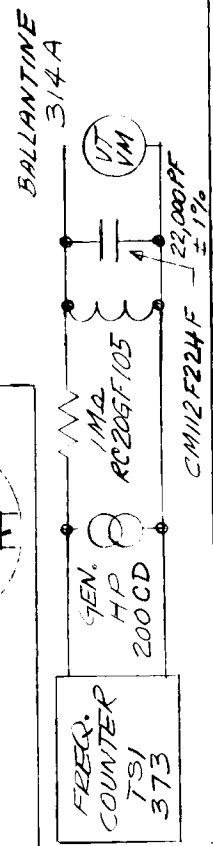
Q = 75 MIN AT 1778 N

TYPICAL TEST RESULTS

F₀ = 1778 N
F₂ = 1790 N
F₁ = 1767 N

$$Q = \frac{F_0}{F_2 - F_1} = \frac{1778}{1790 - 1767} = 77.3$$

TEST CIRCUIT



DATE CH. NO DRAFTS CHECKER ENG. APP.

SCALE

DESCRIPTION SPECIFIED

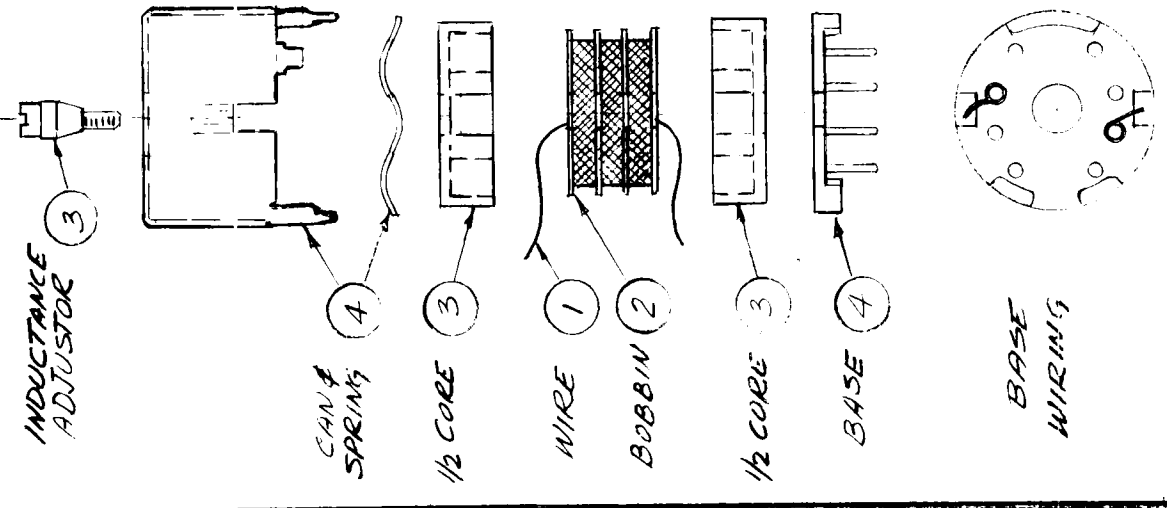
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES

TOLERANCES

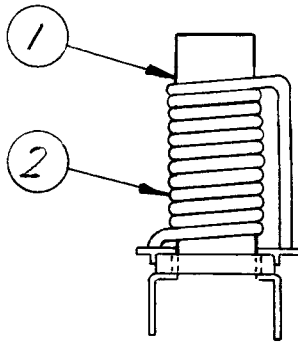
FRACTIONS ± 1/64 ANGLES ± 0° 30'

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

CODE



APPLICATION			REVISIONS						
QTY	MODEL USED ON	ASS'Y NO.	LTR	DESCRIPTION	DATE	E.M.N.NO	DRAFT	CHKD	APPD
	HFR-4	A4673	X	EXP. RELEASE	10/13/69				
			Ø	ORIG RELEASE FOR PROD	3/11/70		G. E.		



NOTES:

1. CLOSE WIND 11 1/2 TURNS OF ITEM 2 AROUND ITEM 1, & SECURE WITH ITEM 4.

2. ELECTRICAL SPECS: DO NOT APPLY.

BAND 1

REQ'D	ITEM	PART NUMBER	DESCRIPTION	SYM.
X	3	BS 100	SOLDER TIN ALLOY	
X	2	WI-141-22-9-T2	WIRE, ELEC MAG. INS.	
1	1	CF 142-1-2-5	COIL, FORM, CERAMIC, PC	

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

FINISH

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

LIST OF MATERIAL

THE TECHNICAL MATERIEL CORP.
MAMARONECK, NEW YORK

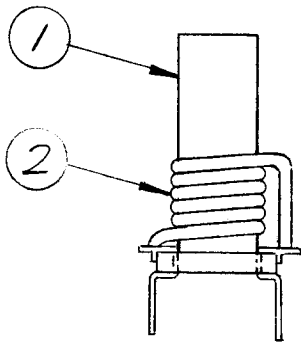
COIL, RF

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SIZE	CODE IDENT. NO.	DWG NO.	ISSUE
A	82679	CL 450	Ø
SCALE		SHEET OF	

APPLICATION			REVISIONS						
QTY	MODEL USED ON	ASS'Y NO.	LTR	DESCRIPTION	DATE	E.M.N.NO	DRAFT	CHKD	APPD
	HERR-4	A4674	X	EXP. RELEASE	10/7/69		K.H.	K.P.	
	HERR-4	A4676	Ø	ORIG RELEASE FOR PROD	3/11/70		G.E.	<i>[Signature]</i>	<i>[Signature]</i>

TMC P/N	NO. OF TURNS
CL 451-1	6 1/2
CL 451-2	5 1/2
CL 451-3	2 1/2



NOTES :

- CLOSE WIND OF ITEM 2 AROUND ITEM 1, & SECURE WITH ITEM 4.
- ELECTRICAL SPECS: DO NOT APPLY.

BAND 2,4

REQ'D	ITEM	PART NUMBER	DESCRIPTION	SYM.
X	3	BS100	SOLDER TIN ALLOY	
X	2	WI141-22-9-T2	WIRE, ELEC. MAG. INS.	
1	1	CF142-1-2-5	COIL, FORM, CERAMIC, PC	

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

FINISH

0. POSE LIST OF MATERIAL

THE TECHNICAL MATERIEL CORP.
MAMARONECK, NEW YORK

COIL, RF

FINAL APPROVAL <i>[Signature]</i>	DATE
MECH. DES.	DATE
ELECT. DES. <i>[Signature]</i>	DATE
CHECKED <i>[Signature]</i>	DATE 10/7/69
DRAWN <i>[Signature]</i>	DATE 10/7/69

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SIZE A	CODE IDENT. NO. 82679	DWG NO. CL 451	ISSUE Ø
SCALE		SHEET	OF

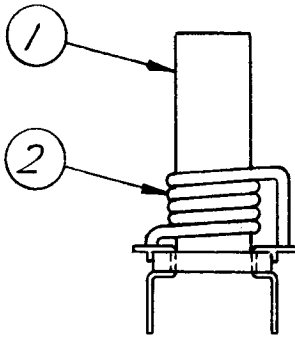
APPLICATION			REVISIONS						
QTY	MODEL USED ON	ASS'Y NO.	LTR	DESCRIPTION	DATE	E.M.N.NO	DRAFT	CHKD	APPD
	HFRR-4	A4675	X	EXP. RELEASE	10/14/69				
			Ø	ORIG RELEASE FOR PROD	3/11/70				

TMC P/N	NO. OF TURNS
CL 452-1	4 1/2
CL 452-2	3 1/2

NOTES:

1 CLOSE WIND OF ITEM 2
AROUND ITEM 1
& SECURE WITH ITEM 4.

2. ELECTRICAL SPECS:
DO NOT APPLY.



BAND 3

REQ'D	ITEM	PART NUMBER	DESCRIPTION	SYM.
X	3	BS100	SOLDER TIN ALLOY	
X	2	WI-141-22-9-T2	WIRE, ELEC. MAG. INS.	
1	1	CF 142-1-2-5	COIL, FORM CERAMIC PC.	

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

FINISH

O. POSE LIST OF MATERIAL

THE TECHNICAL MATERIEL CORP.
MAMARONECK, NEW YORK

COIL, RF

FINAL APPROVAL <i>[Signature]</i>	DATE
MECH. DES. <i>[Signature]</i>	DATE
ELECT. DES. <i>[Signature]</i>	DATE
CHECKED <i>[Signature]</i>	DATE 10/16/69
DRAWN <i>[Signature]</i>	DATE 10/14/69

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SIZE A	CODE IDENT. NO. 82679	DWG NO. CL 452	ISSUE Ø
SCALE		SHEET OF	

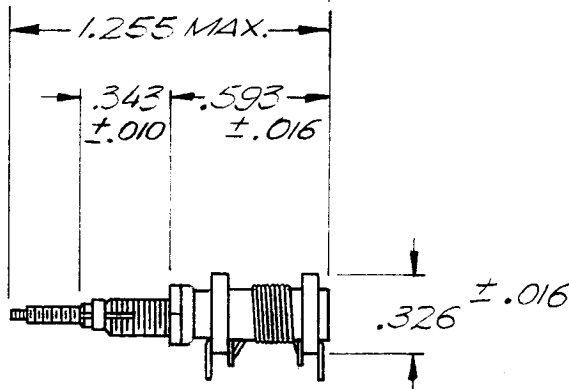
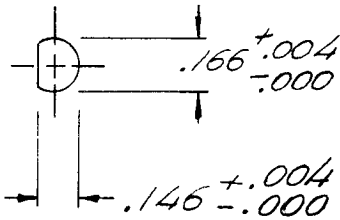
APPLICATION			REVISIONS						
QTY	MODEL USED ON	ASS'Y NO.	LTR	DESCRIPTION	DATE	E.M.N.NO	DRAFT	CHKD	APPD
	HFRR-4	A0-128	X	EXP. RELEASE	10/10/69				
			Ø	ORIGINAL RELEASE	10/17/69				
			A	ADD P/N CHART, DIM. & MTG. HOLE DELE MFR CAT. # REF	6/3/70	19870			

TMC MFG. CODE NO.: S401-167

SPECIFICATIONS:

CERAMIC FORM, SLUG TUNED
FREQ. RANGE: 40 - 300 MC.

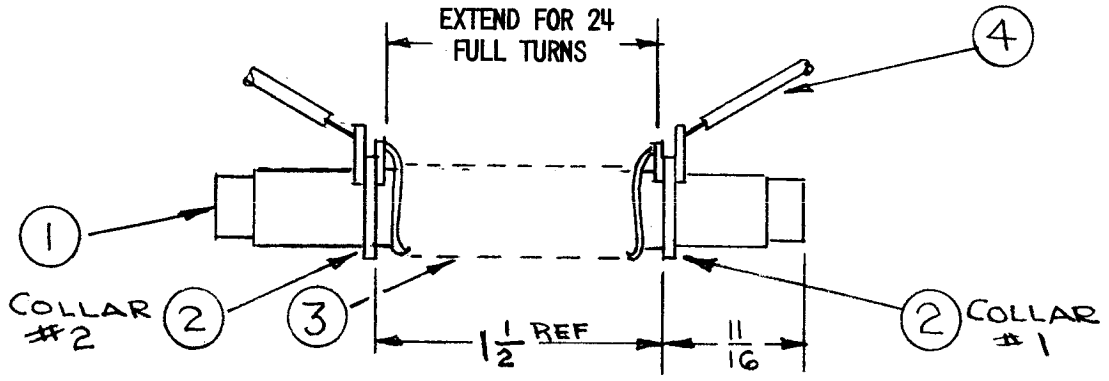
RECOMENDED
MTG. HOLE



TMC P/N.	MFR P/N	IND @ 25 MC
CL 454	3338-7	.87 TO 1.3 μH
CL 454-2	3338-6	.6 TO .87 μH

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES	REQ'D	ITEM	PART NUMBER	DESCRIPTION	SYM.
DECIMALS: .X ± .05, .XX ± .01, .XXX ± .005 FRACTIONS: 1/64, ANGLES: 0°-30°	LIST OF MATERIAL				
MATERIAL	FINAL APPROVAL	MECH. DES.	DATE	THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK COIL, RF, ADJUSTABLE	
FINISH	ELECT. DES.	DATE			
	CHECKED	DATE			
	DRAWN	DATE			
NOTICE TO PERSONS RECEIVING THIS DRAWING 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.				SIZE	ISSUE
				A 82679	A
				CL 454	
SCALE			SHEET OF		

APPLICATION			REVISIONS						
QTY	MODEL USED ON	ASS'Y NO.	LTR	DESCRIPTION	DATE	E.M.N.NO	DRAFT	CHKD	APPD
1	HFRR-4	A0128	X	EXPERIMENTAL RELEASE	9/12/69	X	CV	<i>JDe</i>	<i>[Signature]</i>
			Ø	ORIGINAL RELEASE	1/9/69		CV		



PROCEDURE

1. SECURE ITEM 2 TO ITEM 1 WITH EASTMAN #910, AS SHOWN TO ALLOW 24 FULL TURNS. BAKE FOR 1/2 HOUR AT 215°F.
2. STRIP END OF ITEM 3 AND SOLDER TO ITEM 2. WIND 24 FULL TURNS (TIGHT) AND STRIP AND SOLDER END TO SECOND COLLAR. COAT WITH ITEM 5 AND BAKE FOR 1/2 HOUR AT 215°F
3. COAT INSIDE OF COIL FORM WITH GL114 IMMEDIATELY AFTER REMOVING FROM OVEN
4. SOLDER A 2" LENGTH OF ITEM 4 TO EACH COLLAR AS PIGTAIL

X	6	BS100	SOLDER, TIN ALLOY
X	5	GL102	Q MAX
X	4	WL100-7	WIRE, ELEC, BUSS #22
X	3	WI141-22-9	WIRE, ELEC, MAG, INS
2	2	TE170-1	TERM, COLLAR
1	1	CF141-5	COIL FORM, THREADED

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'

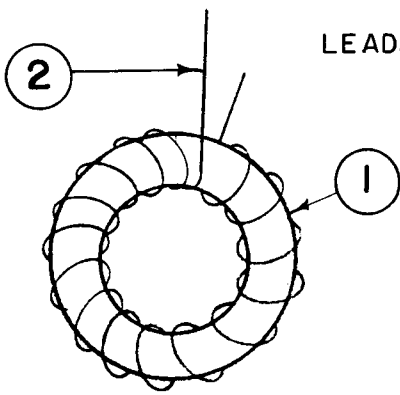
REQ'D	ITEM	PART NUMBER	DESCRIPTION	SYM.
LIST OF MATERIAL				
THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK				
COIL, RF, OSC.				

MATERIAL	MECH. DES.	DATE
FINISH	ELECT. DES.	DATE
	CHECKED	DATE
	DRAWN	DATE

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SIZE	CODE IDENT. NO.	DWG NO.	ISSUE
A	82679	CL455	Ø
SCALE	SHEET		OF

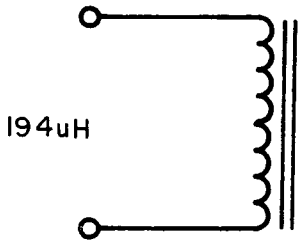
APPLICATION			REVISIONS						
QTY	MODEL USED ON	ASS'Y NO.	LTR	DESCRIPTION	DATE	E.M.N.NO	DRAFT	CHKD	APPD
	LFE-1		X	EXPERIMENTAL RELEASE	2-27-70		KD		
	CHG()-4		Ø	ORIG RELEASE FOR PROD	7/7/71		CV		678/6
	MMX()-2								



LEADS $\frac{1}{2}$ " LONG TIN $\frac{1}{8}$ " FROM COIL TO END

WIRING PROCEDURE

- 1 ON CI 127-8 WIND 61 TURNS OF WI 141-32
- 2 STAKE WITH GL 103.
BAKE AT 180°F FOR 30 MINUTES.
- 3 COAT WITH GL 102 AND BAKE AT 180°F FOR 30 MINUTES
- 4 Q METER TEST — L = 194 uH ± 2 %
Q = 175 MIN
- 5 TEST AT Q METER TEST FREQUENCY



REQ'D	ITEM	PART NUMBER	DESCRIPTION	SYM.
X	4	GL 102	LACQUER, Q MAX, A-27	
X	3	GL 103	ADHESIVE, NITRO-CELLULOSE BASE	
X	2	WI 141-32	WIRE, ELECTRICAL, MAGNET, INSULATED	
I	1	CI 127-8	CORE, TOROID	

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

LIST OF MATERIAL

DECIMALS X ± .05 .XX ± .01 .XXX ± .005	FRACTIONS 1/64 ANGLES 0° - 30°	TOLS.
MATERIAL SEE NOTES		
FINISH SEE NOTES		

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

THE TECHNICAL MATERIEL CORP.
MAMARONECK, NEW YORK

**COIL
RF ,TOROID**

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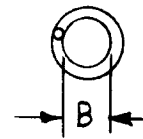
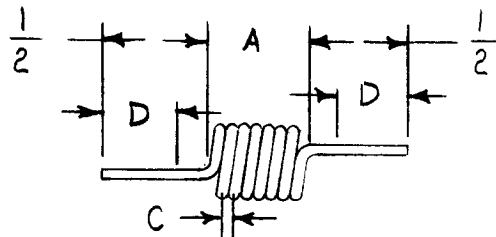
SIZE A	CODE IDENT. NO. 82679	DWG NO. CL 458	ISSUE Ø
SCALE \times		SHEET OF	

APPLICATION

REVISIONS

QTY	MODEL USED ON	ASS'Y NO.	LTR	DESCRIPTION	DATE	E.M.N.NO	DRAFT	CHKD	APPD
1	RAK-127-2(L)	AX5127	X	EXP. RELEASE	11/20/70		RJ		
			Ø	ORIGINAL RELEASE	11/15/70		Ⓢ		

TMC P/N	NO. OF TURNS A	I. D. B	PITCH C	WIRE	STRIP D
CL-466-1	6.5 CW	1/4	CLOSE WOUND	WI-122-16	3/8



UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES		REQ'D	ITEM	PART NUMBER	DESCRIPTION	SYM.
DECIMALS: .X ± .05, .XX ± .01, .XXX ± .005 FRACTIONS: 1/64, ANGLES: 0°-30'		LIST OF MATERIAL THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK COIL, FILTER				
MATERIAL	MECH. DES.	DATE	MECH. DES. <i>AK</i> DATE 11/15/70			
FINISH	ELECT. DES.	DATE	ELECT. DES. DATE			
	CHECKED	DATE	CHECKED DATE			
	DRAWN	DATE	DRAWN <i>R. Podany</i> DATE 11/20/70			

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SCALE 1:1			SHEET 1 OF 1				

APPLICATION			REVISIONS						
QTY	MODEL USED ON	ASS'Y NO.	LTR	DESCRIPTION	DATE	E.M.N.NO	DRAFT	CHKD	APPD
3	GPTH-10KLA		Ø	ORIG RELEASE FOR ERD	3/6/79		①		
2	MAT-5	BMA475							
2	MAT-1Ø								

COIL, RF

120 mh

S401-47

MFG P/N 200-105-001

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES		REQ'D	ITEM	PART NUMBER	DESCRIPTION	SYM.
LIST OF MATERIAL						
DECIMALS: .X ± .05, .XX ± .01, .XXX ± .005 FRACTIONS: 1/64 TOLS. ANGLS: 0°-30'		FINAL APPROVAL <i>[Signature]</i>		DATE: 22 Feb 72	THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK COIL, RF	
MATERIAL		MECH. DES. <i>[Signature]</i>		DATE		
FINISH		ELECT. DES. <i>[Signature]</i>		DATE: 22 Feb 72		
		CHECKED		DATE		
		DRAWN <i>[Signature]</i>		DATE: 22 Feb 72		
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				SCALE	SHEET	OF
						ISSUE: <i>[Signature]</i>

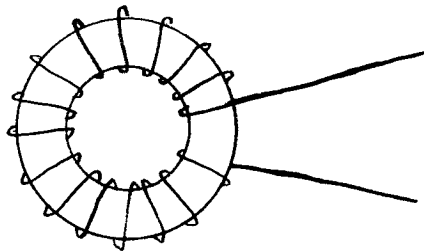
APPLICATION			REVISIONS						
QTY	MODEL USED ON	ASS'Y NO.	LTR	DESCRIPTION	DATE	E.M.N.NO	DRAFT	CHKD	APPD
1	TPM-1K	BMA 46B	Ø	ORIG RELEASE FOR PROD	1/30/71		W		

ON CI115, WIND 15 TURNS EVENLY SPACED AROUND 330° OF THE CORE AS SHOWN.

STAKE ENDS WITH GL103 & BAKE AT 180°F FOR 30 MIN.

COAT WITH GL102 & BAKE AT 180°F FOR 30 MIN.

LEADS 1/2" LONG



35µh ± 5%

Q < 10

TEST FREQ 2.5 MHz.

REQ'D	ITEM	PART NUMBER	DESCRIPTION	SYM.
4		GL103	ADHESIVE, NITRO-CELLULOSE BASE	
3		GL102	LACQUER, Q MAX, A-27	
2		WI141-26-2	WIRE, ELEC, MAG	
1	1	CI115	CORE, TOROID	

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

FINISH

FINAL APPROVAL	DATE
<i>[Signature]</i>	23 Nov 71
MECH. DES.	DATE
ELECT. DES.	DATE
<i>[Signature]</i>	23 Nov 71
CHECKED	DATE
DRAWN	DATE
<i>[Signature]</i>	25 Oct 71

LIST OF MATERIAL

THE TECHNICAL MATERIEL CORP.
MAMARONECK, NEW YORK

COIL, RF, TOROID

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SIZE	CODE IDENT. NO.	DWG NO.	ISSUE
A	82679	CL473	Ø
SCALE	SHEET		OF

APPLICATION			REVISIONS						
QTY	MODEL USED ON	ASS'Y NO.	LTR	DESCRIPTION	DATE	E.M.N.NO	DRAFT	CHKD	APPD
1	TM125		Ø	ORIG RELEASE FOR PROD	3/23/73		CL		

START

TURNS BETWEEN TAPS

SPACE APPROX. BETWEEN TURNS

CCW

MFR. ASSY. INSTRUCTIONS

1. PLACE ITEM 2 ON ITEM 1 (OPEN TERMINAL RING TO FIT INSULATOR STANDOFF)
2. WIND ITEM 3 ON ITEM 1 AS SHOWN AND SOLDER TO ITEM 2.
3. COAT COIL WITH ITEM 4 & BAKE IN OVEN 1/2 HR. AT 215° F

START

3.0 uh 10

2.9 uh 10

3.3 uh 11

10.5 uh 21

END

4T

TURNS

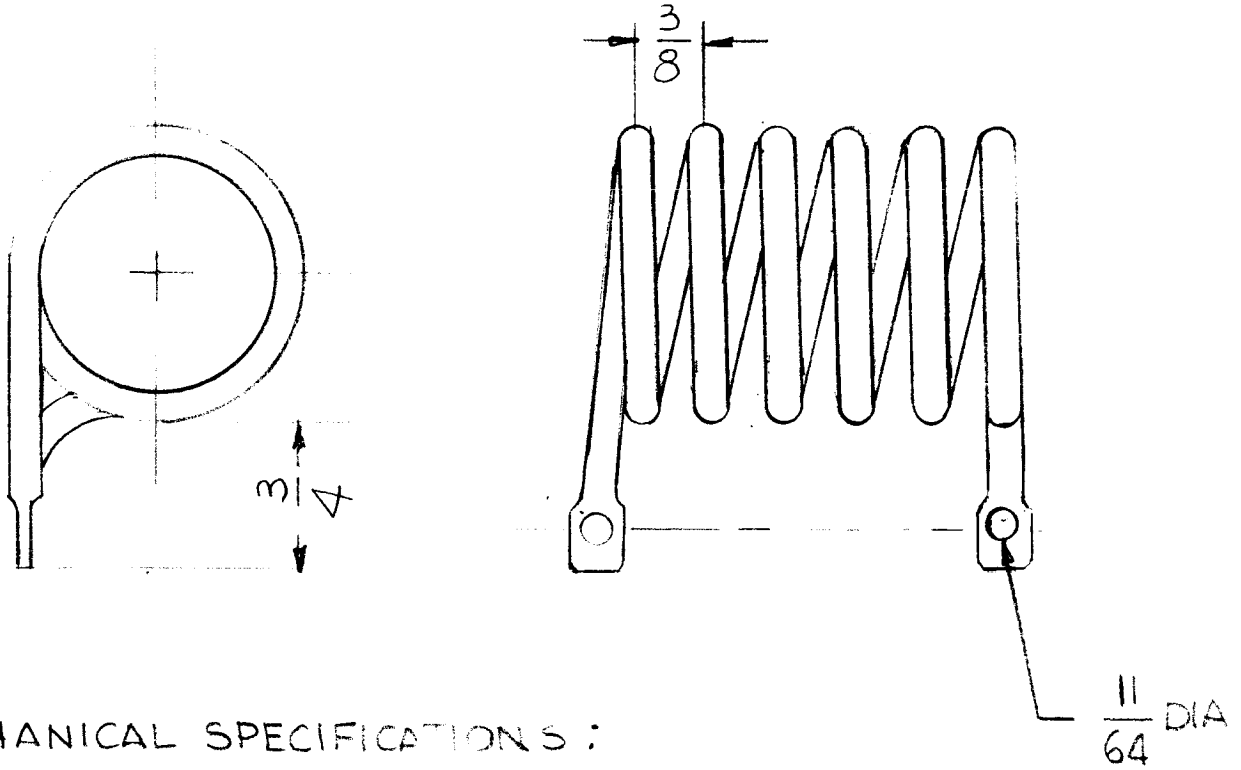
REQ'D	ITEM	PART NUMBER	DESCRIPTION	SYM.
X	4	GL104-2	INS. VARNISH ELEC.	
X	3	WI122-25	WIRE, ELEC.	
2	2	TE153-3	TERMINAL RING TYPE	
1	1	NS3W0320	INSULATOR STANDOFF ROUND	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES		LIST OF MATERIAL	
DECIMALS: .X ± .05, .XX ± .01, .XXX ± .005 FRACTIONS: 1/64 TOLS.: ANGLES: 0°-30°	FINAL APPROVAL: <i>[Signature]</i> DATE:	THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK <i>OUTPUT LOAD COIL</i>	
MATERIAL	MECH. DES. <i>OK</i> DATE:		
FINISH	ELECT. DES. <i>[Signature]</i> DATE: 3/17/73		
	CHECKED DATE: DRAWN <i>GE</i> DATE: 10/1/72		

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SCALE		SHEET		OF

APPLICATION			REVISIONS								
QTY	MODEL USED ON	ASS'Y NO.	LTR	DESCRIPTION	DATE	E.M.N.NO	DRAFT	CHKD	APPD		
1	GPR110	BMA513	Ø	ORIGINAL RELEASE	11/7/73		DV				
<u>TMC PART NO.</u> CL485			<u>MFG.</u> S401-157			<u>MFG. PART NO.</u> C2687					
<u>SPECIFICATIONS</u>											
10 mHys @ 1 VRMS, 60 Hz 8 DC Amps .15 DC Ohms 1500 VRMS Insul Test Mtg. Ctrs.- 3-1/8' X 2-1/2'											
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES		REQ'D	ITEM	PART NUMBER	DESCRIPTION				SYM.		
DECIMALS FRACTIONS X ± .05 TOLS. 1/64 .XX ± .01 ANGLES .XXX ± .005 0° - 30°		LIST OF MATERIAL								THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK INDUCTOR, FIXED	
MATERIAL		FINAL APPROVAL <i>DB</i>		DATE							
FINISH		MECH. DES.		DATE							
		ELECT. DES.		DATE							
		CHECKED		DATE							
		DRAWN		DATE							
NOTICE TO PERSONS RECEIVING THIS DRAWING 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.				SIZE	CODE IDENT. NO.	DWG NO.		ISSUE			
				A	82679	CL485		Ø			
				SCALE				SHEET	OF		

APPLICATION			REVISIONS						
QTY	MODEL USED ON	ASS'Y NO.	LTR	DESCRIPTION	DATE	E.M.N.NO	DRAFT	CHKD	APPD
1	TMA-1K	BNA-520	X	EXP. RELEASE					
			X ₁	1 1/4" DIA. FORM TO 1 IN.	1-22-75		F.I.		
			Ø	ORIG RELEASE FOR PROD	3/13/75		Q		

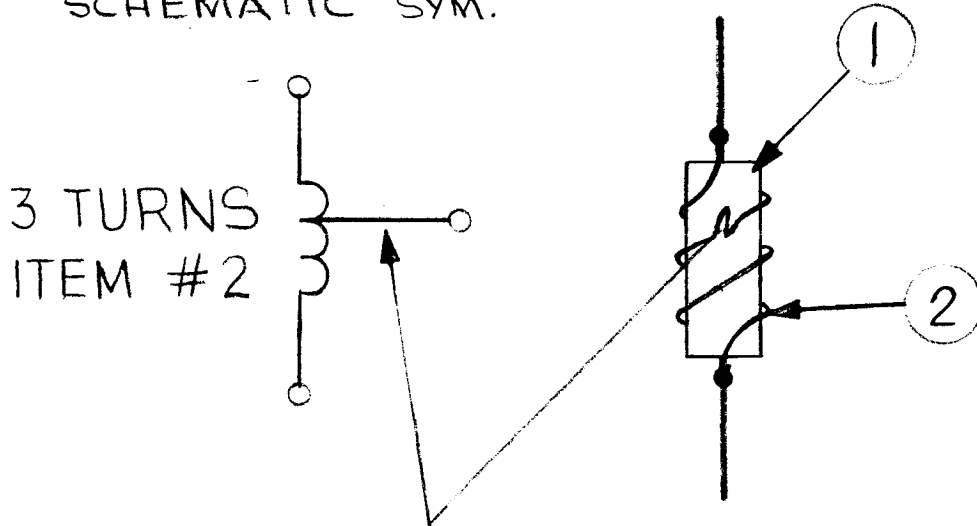


MECHANICAL SPECIFICATIONS :
 6 TURNS WOUND ON 1" DIA FORM
 MATERIAL: 3/16 OD. COPPER TUBING
 FINISH: SILVER PLATE

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES		REQ'D	ITEM	PART NUMBER	DESCRIPTION	SYM.	
DECIMALS .X ± .05 .XX ± .01 .XXX ± .005 FRACTIONS 1/64 ANGLES 0° - 30°		LIST OF MATERIAL					
MATERIAL SEE NOTE		FINAL APPROVAL	ØB	DATE	THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK COIL, H.F		
FINISH SEE NOTE		MECH. DES.	F. IANNUZZI	DATE			3/13/75
		ELECT. DES.		DATE			
		CHECKED	F. IANNUZZI	DATE			2-7-75
		DRAWN	GDL	DATE	12-12-74		
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				A	82679	CL487	Ø
				SCALE		SHEET	OF

APPLICATION			REVISIONS							
QTY	MODEL USED ON	ASS'Y NO.	LTR	DESCRIPTION	DATE	E.M.N.NO	DRAFT	CHKD	APPD	
1	A5625		Ø	EXP RELEASE	4-2-75		FI		✕	

SCHEMATIC SYM.



TAP AT ONE (1) TURN
DO NOT TIN PLATE

USE FOR

SPARE PARTS ONLY

REQ'D	ITEM	PART NUMBER	DESCRIPTION	SYM.
X	3	BS100	SOLDER, TIN ALLOY	
X	2	W1100-R-1000	WIRE, SOLID TINNED	
1	1	RC07GF822J	RESISTOR, FXD., COMP.	

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

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

MATERIAL	FINAL APPROV. <i>COB</i>	DATE <i>7/1/77</i>
FINISH	MECH. DES. <i>F. IANNUZZI</i>	DATE <i>4-2-75</i>
	ELECT. DES.	DATE
	CHECKED	DATE
	DRAWN <i>F. IANNUZZI</i>	DATE <i>4-2-75</i>

LIST OF MATERIAL

THE TECHNICAL MATERIEL CORP.
MAMARONECK, NEW YORK

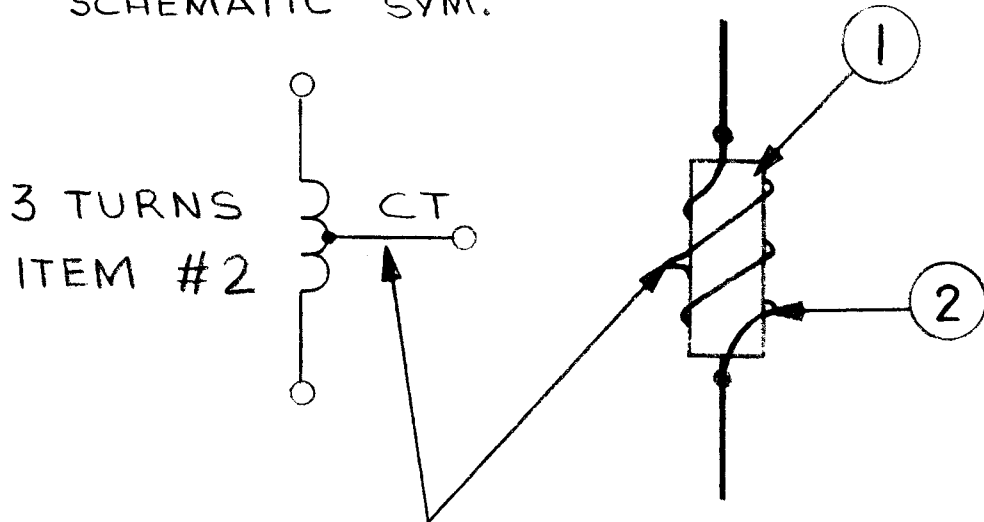
COIL, TAPPED R.F.

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SIZE A	CODE IDENT. NO. 82679	DWG NO. CL490	ISSUE Ø
SCALE 4:1		SHEET OF	

APPLICATION			REVISIONS						
QTY	MODEL USED ON	ASS'Y NO.	LTR	DESCRIPTION	DATE	E.M.N.NO	DRAFT	CHKD	APPD
1	A5625		Ø	EXP. RELEASE	4-2-75		FI		*

SCHEMATIC SYM.



TAP AT 1 1/2 TURNS
DO NOT TIN PLATE

USE FOR
SPARE PARTS ONLY

X	3	BS100	SOLDER, TIN ALLOY	
X	2	W1100-8-1000	WIRE, SOLID TINNED	
1	1	RC076F822J	RESISTOR, FXD. COMP.	
REQ'D	ITEM	PART NUMBER	DESCRIPTION	SYM.

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

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

MATERIAL

FINISH

FINAL APPROVAL	DATE
<i>QB</i>	11/8/77
MECH. DES. E. IANNUZZI	DATE 4-2-75
ELECT. DES.	DATE
CHECKED	DATE
DRAWN E. IANNUZZI	DATE 4-2-75

LIST OF MATERIAL

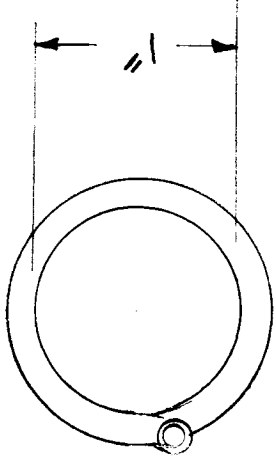
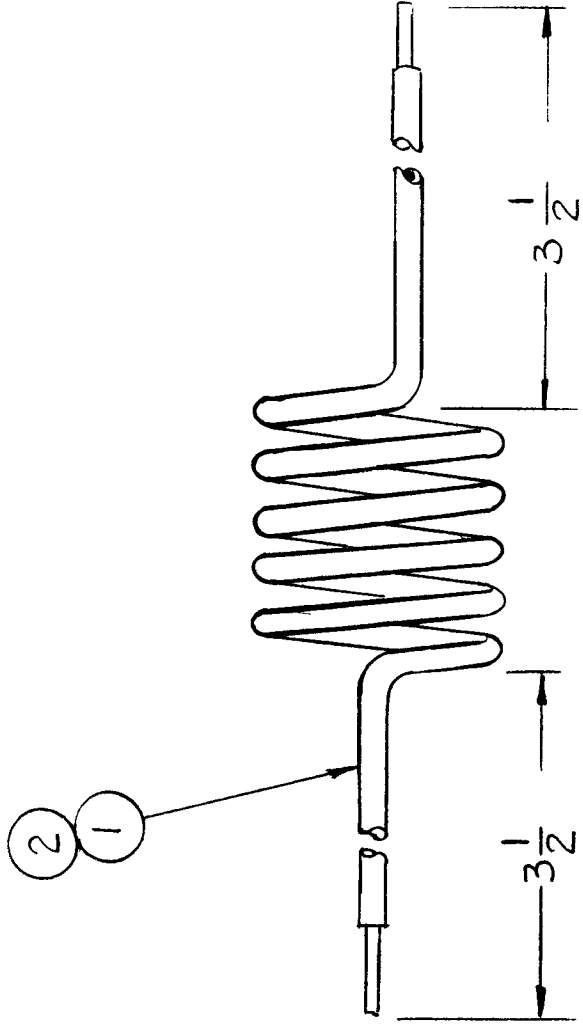
THE TECHNICAL MATERIEL CORP.
MAMARONECK, NEW YORK

COIL, TAPPED R.F.

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SIZE	CODE IDENT. NO.	DWG NO.	ISSUE
A	82679	CL491	Ø
SCALE 4:1		SHEET	OF

REQ. PER UNIT 1	MODEL TEP 500	USED ON ASSY. NO. A1340	DATE 10-2-75
	CL492		



5 TURNS WOUND ON
1" DIA FORM

X	2	PX 370-9-8	INSULATION, SLEEVING	SYMBOL
X	1	WL 100-1	BUSS WIRE	
REQ. ITEM		PART NO.	DESCRIPTION	
		STOCK SIZE	TMC INDUSTRIAL CORP. MAMARONECK, NEW YORK	
		MATERIAL	COIL, RF	
TYPE & TEMPER		HEAT TREAT. SPEC.	DRAWN	CHECKED
			G.D.L.	
FINISH & SPEC. NO.		ELEC. DES. APP. MECH. DES. APP.		
		FINAL APPROVAL CL492		

CRIG REL FOR PROD 8/76 CL *[Signature]* *

EXP. RELEASE

DATE CH. NO. DRAFTS CHECKER ENG. APP.

SCALE:

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

DEC. DIM. ±
FRAC. DIM. ±
ANGULAR DIM. ±

APPLICATION			REVISIONS						
QTY	MODEL USED ON	ASS'Y NO.	LTR	DESCRIPTION	DATE	E.M.N.NO	DRAFT	CHKD	APPD
3	GPR-110A	A5638							

3/4 T, TAPPED 1/2 T

REQ'D	ITEM	PART NUMBER	DESCRIPTION	SYM.
A/R	2	3XK 30-130	#30 GA WIRE	
1	1	CF144	COIL FORM W/CORE	

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

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

FINISH

DRAWN

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

SIZE	CODE IDENT. NO.	DWG NO.	ISSUE
A	82679	CL494	

SCALE SHEET OF

NOTICE TO PERSONS RECEIVING THIS DRAWING
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APPLICATION			REVISIONS						
QTY	MODEL USED ON	ASS'Y NO.	LTR	DESCRIPTION	DATE	E.M.N.NO	DRAFT	CHKD	APPD
3	GPR-110A	A5638							

3 1/4 T, TAPPED 1 T

REQ'D	ITEM	PART NUMBER	DESCRIPTION	SYM.
AR	2	3XK30-130	# 30 GA. WIRE	
1	1	CF144	COIL FORM	

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

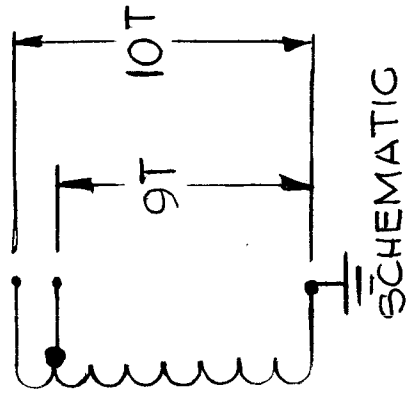
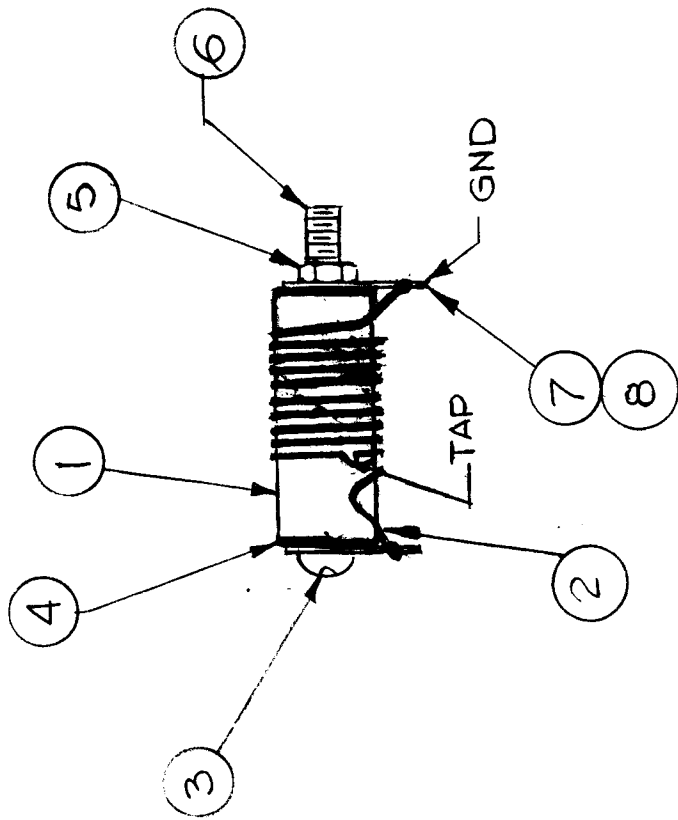
FINISH

LIST OF MATERIAL		
FINAL APPROVAL	DATE	<p align="center">THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK</p> <p align="center">COIL, R.F.</p>
MECH. DES.	DATE	
ELECT. DES.	DATE	
CHECKED	DATE	
DRAWN	DATE	

<p>NOTICE TO PERSONS RECEIVING THIS DRAWING 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>	SIZE	CODE IDENT. NO.	DWG NO.	ISSUE
	A	82679	CL495	
SCALE		SHEET		OF

REQ. PER UNIT 1	MODEL	DATE
	TMA-1K	8-9-76

USED ON
CL 498



X 8	BS 100	SOLDER, TIN ALLOY
2 7	TE 104 - 3	TERMINAL, LOCKING
1 6	SM 129	SPARK CAP HOLDER
1 5	NTH0832BN8	NUT, HEX
2 4	WA 109-52	WASHER, FIBER FLAT
1 3	SCBPO832BN8	SCREW, MACHINE
X 2	WI123 - 14	WIRE ELECT. MAGNETIC
1 1	NS3W0210	INSULATION, STANDOFF

REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
		TMC INDUSTRIAL CORP. MAMARONECK. NEW YORK	
	STOCK SIZE		
	MATERIAL		
		COIL, LOADING	
		G.D.L	*
	TYPE & TEMPER	CHECKED	FINAL APPROVAL
	HEAT TREAT. SPEC.	DRAWN	
	FINISH & SPEC. NO.	ELEC. DES. APP.	MECH. DES. APP.
			CL 498

ISSUE ITEM: \emptyset

RELEASE FOR PROD. CHANGED FROM: 10/11/76

DATE: 10/11/76

CH. NO. #

DRAFTS: G.D.L.

CHECKER:

ENG. APP. *

SCALE:

TOLERANCES:

DEC. DIM. \pm

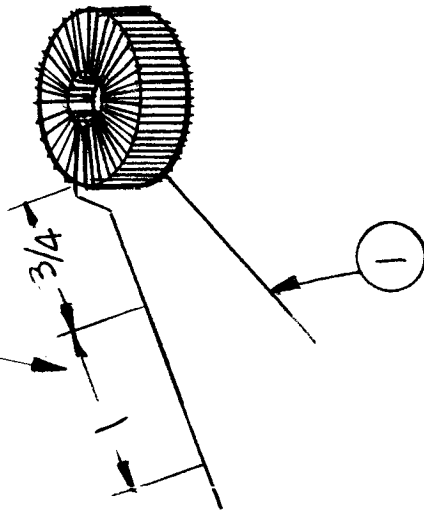
FRAC. DIM. \pm

ANGULAR DIM. \pm

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

REQ. PER UNIT	1	MODEL	RFP-1	USED ON ASS'Y. NO.		DATE	2-9-76
CL 499 ϕ							

STRIP & TIN BOTH LEADS



— ELEC. SPECIFICATION —
 L = 110 MH \pm 0.5
 Q = 200 MIN

REQ. ITEM	3	GL102	Q - MAX	SYMBOL	
	X	WI 141-28-2	WIRE, ELEC. MAG.		
	1	CI 143	CORE, TOROIDE		
PART NO.		TMC INDUSTRIAL CORP. MAMARONECK, NEW YORK			
STOCK SIZE		COIL, R.F.			
MATERIAL					
TYPE & TEMPER		HEAT TREAT. SPEC.		DRAWN	
				G.D.L.	
FINISH & SPEC. NO.		ELEC. DES. APP.		MECH. DES. APP.	
				CL 499 ϕ	

ISSUE ITEM: ϕ

CHANGED FROM: CHANGE RELEASE

DATE: 2-11-80

CH. NO.: H

DRAFTS: MAC

CHECKER: P.P.

ENG. APP.:

SCALE:

TOLERANCES:

DEC. DIM. \pm

FRAC. DIM. \pm

ANGULAR DIM. \pm

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION.

REMOVE ALL BURRS AND SHARP EDGES