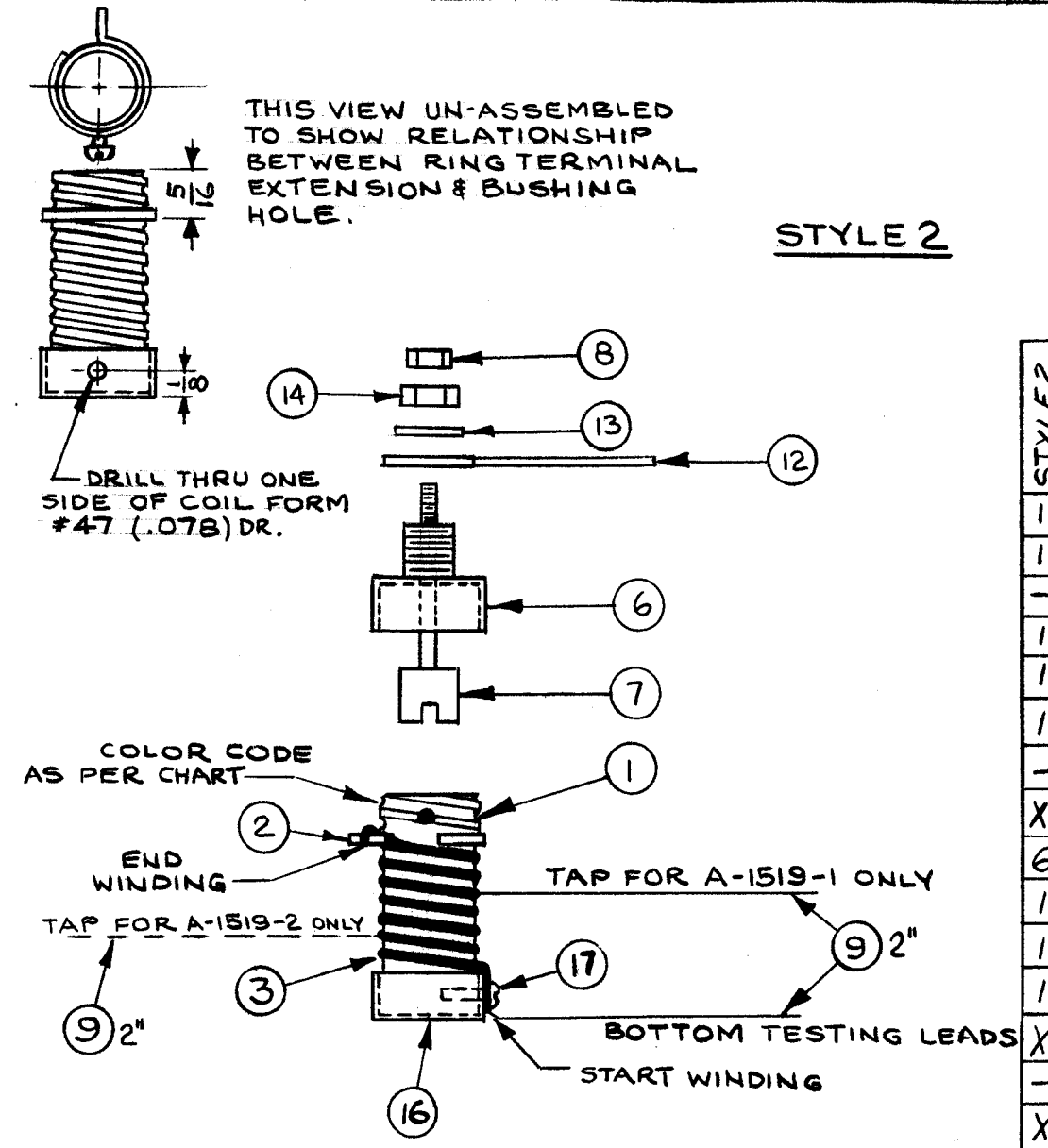
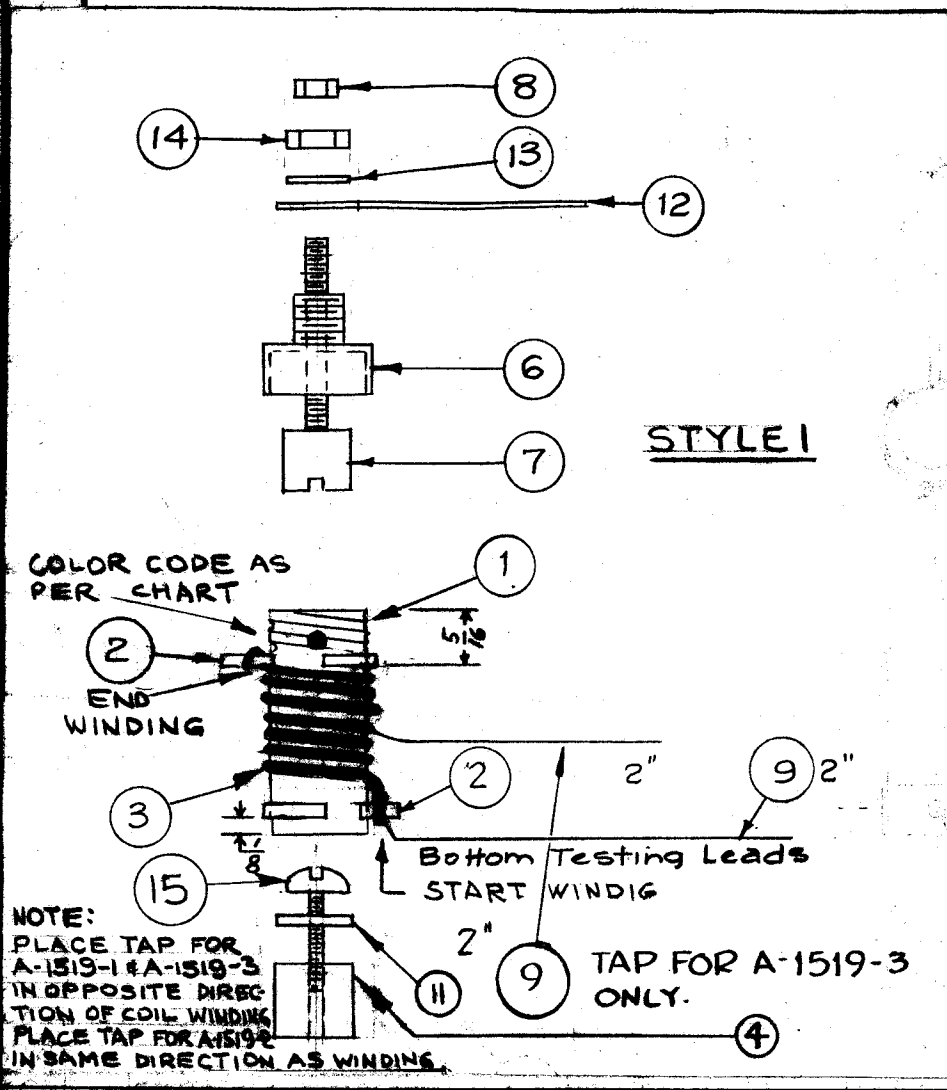


A-1519

TMC MFG. NO.	TMC PART NO.	NO. OF TURNS	TAP INFORMATION	NOMINAL INDUCTION AT 25 Mcs.	Q AT 25 Mcs. MUST BE GREATER THAN	USED ON MODEL	REQUIRED PER UNIT	COLOR CODE	STYLE
A-1519-1	CL-188	6 1/2	4 Turns From Bottom			CHG	1(T2707)	Red	2
A-1519-2	CL-189	6 1/2	1 1/2 Turns From Bottom			CHG	1(T2715)	Orange	1
A-1519-3	CL-264	6 1/2	3 Turns From Bottom	.39 - .41	170	CHG	1(T2711)	Blue	1
A-1519-A	CL-188-2	6 1/2	4 Turns From Bottom	.39 - .41	170	SBE	2(T114,118)	RED	2
A-1519-B	CL-189-2	6 1/2	2 1/2 Turns FR. BOTTOM	.39 - .41	170	SBE	1(T112)	ORANGE	2

- PROCEDURE**
- Secure Terminal Rings (item 2) to Coil Form (item 1) with Item 10 (GL-104-2) As shown. Do not allow Insulex to form on Terminal Tip of Top End of Coil Form.
  - Bake for 2 hours at 250° F.
  - Wind 6-1/2 turns of wire on coil form as shown. Crimp and solder wire to terminal rings as shown. Wind in Clockwise Direction.
  - Solder Tap to Coil as per chart and pictorial.
  - Coat winding with item 10 (CL-104-2).
  - Bake unit for 2 hours at 250° F.
  - Test Unit as per chart and schematic using existing Terminal Leads. (NOTE: Use Boonton Q Meter Model 160 A or Equiv.) Cut bottom lead off after testing.
  - Items 6, 7, 8, 12, 13, & 14 to be left as a separate assembly, inserted, but not secured in coil.
  - Item 4, 11 and 15 to be left as a separate assembly, inserted BUT NOT SECURED in coil.



STYLE 2	STYLE 1	QTY	ITEM	PART NO.	DESCRIPTION	REMARKS
1	-	17	SFB02565N3	SCREW, THREAD CUTTING		
1	-	16	SM143-3	BUSHING, COIL FORM		
-	1	15	SC-143-632B10	SCREW, MACHINE NYLON		
1	1	14	NTH2528BN14	NUT, HEX.		
1	1	13	LWI 25MRN	LOCKWASHER, INT. TOOTH		
1	1	12	TE-111-1	LUG, SOLDER		
-	1	11	FW-101-1	WASHER, NYLON		
X	X	10	GL-104-2	INSULEX, U85		
6	6"	9	WL-100-7	WIRE, BUSS		
1	1	8	NTH0632BN8	NUT, HEX.		
1	1	7	CI-109-7	CORE, TUNING	RED	
1	1	6	SM-142	BUSHING, COIL FORM		
X	X	5	BS-100	SOLDER, SOFT		
-	1	4	RY-129-8	ROLLER, RUBBER		
X	X	3	WL-100-4	WIRE, BUSS		
1	2	2	TE-153-3	TERMINAL, RING TYPE		
1	1	1	CF-124-1.125	COIL, FORM		

ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
L		Reloc. IT. 2 on Coil Form	6-10-66	16370	HLA	JCB	[Signature]
K	1	STYLE 1 & 2 COL. ON B/M A-1519-4 & 5 U/D COL. ADDED	11-22-65	15225	F.V.V.	JCB	[Signature]
J	1	ON STYLE 2 IT. IT WAS IT. 11 ERROR	12-17-64	13116	HLA	[Signature]	[Signature]
H	2	IT. 16 & 17 ADDED STYLE 2 ADDED	11-2-64	12839	HLA	[Signature]	[Signature]

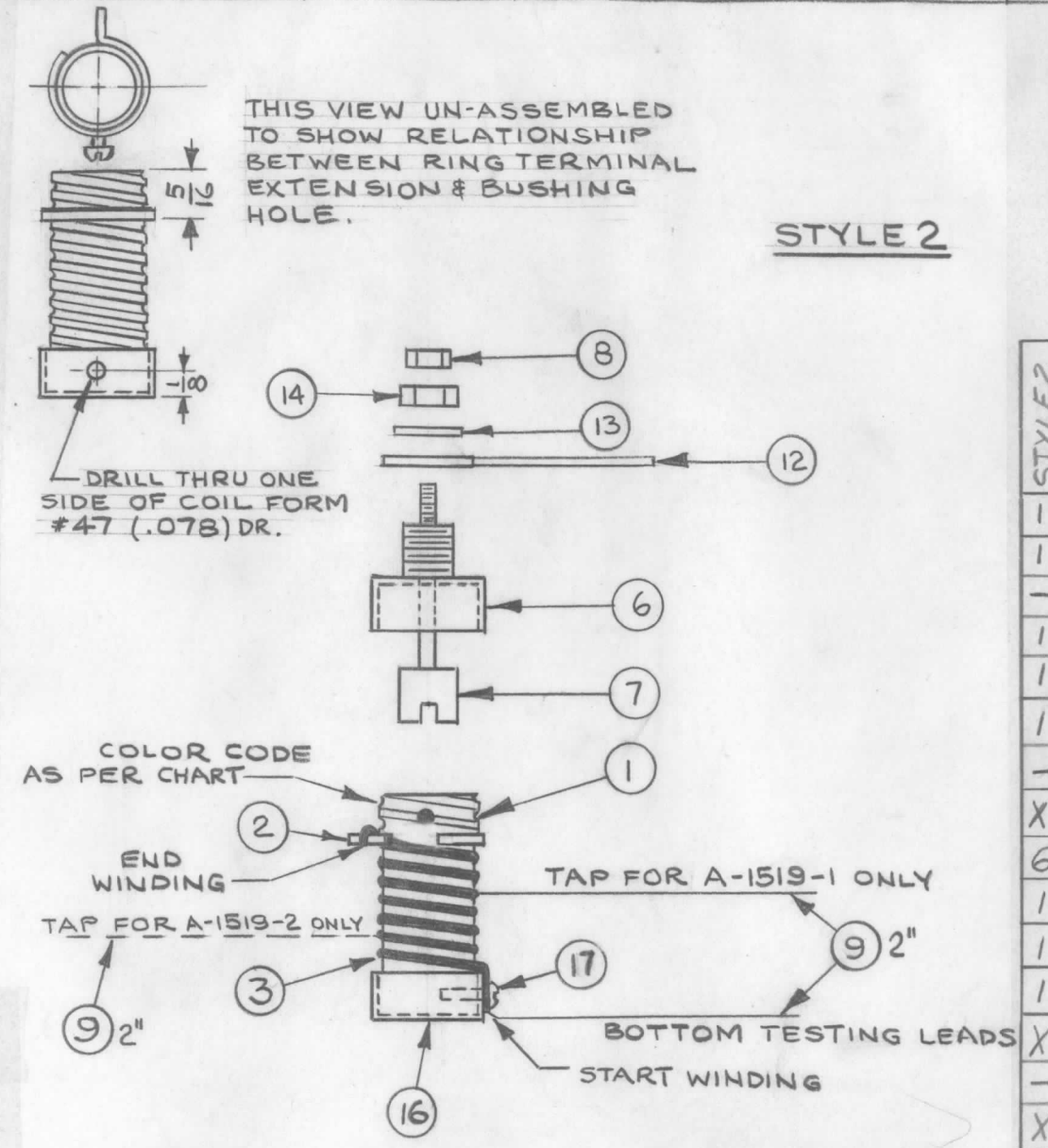
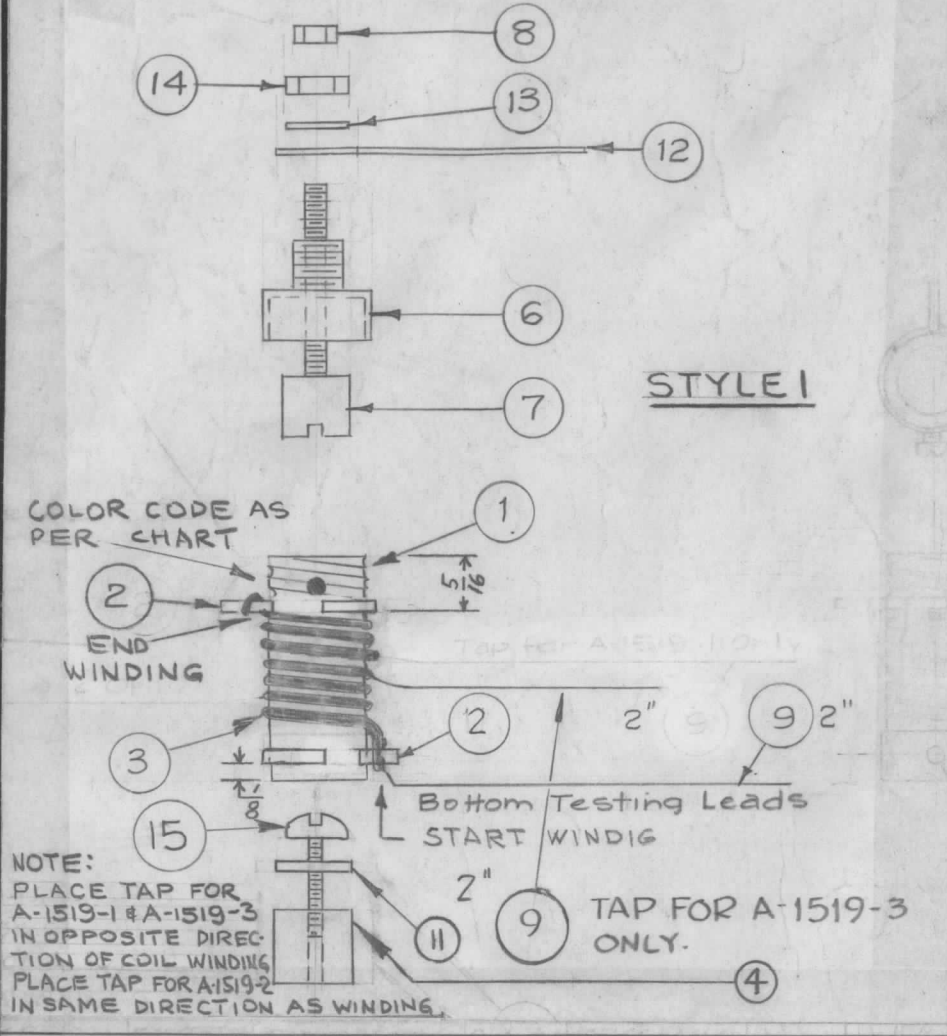
CHART	CHG-2,2A	R.F. Section	8-10-61
CHART	CHG-1	R.F. Section	11-3-60
CHART	SBE-3	AX-204	11-30-59
CHART	A-1516	SBE-2	8-27-58
REQ. PER UNIT	MODEL	PROJECT NO.	ASS'Y. NO.
			DATE

REQ. ITEM	PART NO.	DESCRIPTION	SYSTEM
THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK			
CL-188, CL-189 & CL-264 ASSY			
STOCK SIZE			
MATERIAL			
FINISH & SPEC. NO.			
TYPE & TEMPER	HEAT TREAT. SPEC.	DRAWN	CHECKED
		[Signature]	[Signature]
			FINAL APPROVAL
			A-1519

A-1519

TMC MFG. ASSY NUMBER NO.	TMC PART NUMBER	NO. OF TURNS	TAP INFORMATION	NOMINAL INDUCTANCE AT 25 Mcs. - W/O CORE (uh)	Q AT 25 Mcs. MUST BE GREATER THAN	USED ON MODEL	REQUIRED PER UNIT	COLOR CODE	STYLE
A-1519-1	CL-188	6 1/2	4 Turns From Bottom	.39 - .41	170	CHG	1(T2707)	Red	1
A-1519-2	CL-189	6 1/2	1 1/2 Turns From Bottom	.39 - .41	170	CHG	1(T2715)	Orange	1
A-1519-3	CL-264	6 1/2	3 TURNS FROM BOTTOM	.39 - .41	170	CHG	1(T2711)	Blue	1
A-1519-4	CL-188-2	6 1/2	4 TURNS FROM BOTTOM	.39 - .41	170	SBE	2(T114,118)	RED	2
A-1519-5	CL-189-2	6 1/2	2 1/2 TURNS FR. BOTTOM	.39 - .41	170	SBE	1(T112)	ORANGE	2

- PROCEDURE**
- Secure Terminal Rings (item 2) to Coil Form (item 1) with Item 10 (GL-104-2) As shown. Do not allow insulex to form on Terminal Tip or Top End of Coil Form.
  - Bake for 2 hours at 250° F.
  - Wind 6-1/2 turns of wire on coil form as shown. Crimp and solder wire to terminal rings as shown. Wind in Clockwise Direction.
  - Solder Tap to Coil as per chart and pictorial.
  - Coat winding with item 10 (CL-104-2).
  - Bake unit for 2 hours at 250°F.
  - Test Unit as per chart and schematic using existing Terminal Leads. (NOTE: Use Boonton Q Meter Model 160 A or Equiv.) Cut bottom lead off after testing.
  - Items 6, 7, 8, 12, 13, & 14 to be left as a separate assembly, inserted, but not secured in coil.
  - Item 4, 11 and 15 to be left as a separate assembly, inserted BUT NOT SECURED in coil.



STYLE 2	STYLE 1	REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
1	-	17	SFB02565N3	SCREW, THREAD CUTTING	
1	-	16	SM143-3	BUSHING, COIL FORM	
-	1	15	SC-143-632B10	SCREW, MACHINE NYLON	
1	1	14	NTH2528BN14	NUT, HEX.	
1	1	13	LWI 25MRN	LOCKWASHER, INT. TOOTH	
1	1	12	TE-111-1	LUG, SOLDER	
-	1	11	FW-101-1	WASHER, NYLON	
X	X	10	GL-104-2	INSULEX, U85	
6	6"	9	WL-100-7	WIRE, BUSS	
1	1	8	NTH0632BN8	NUT, HEX.	
1	1	7	CI-109-7	CORE, TUNING	RED
1	1	6	SM-142	BUSHING, COIL FORM	
X	X	5	BS-100	SOLDER, SOFT	
-	1	4	RY-129-8	ROLLER, RUBBER	
X	X	3	WL-100-4	WIRE, BUSS	
1	2	2	TE-153-3	TERMINAL, RING TYPE	
1	1	1	CF-124-1.125	COIL, FORM	

ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
L		Reloc. IT. 2 on Coil Form	6-10-66	16370	HLA	JCB	[Signature]
K	1	STYLE 1 & 2 COL. ON B/M A-1519-4 & 5. U/O COL. ADDED	11-22-65	15225	F.V.V.	JCB	[Signature]
J	1	ON STYLE 2 IT. 11 WAS IT. 115 ERROR	12-17-64	13116	HLA	JCB	[Signature]
H	2	IT. 16 & 17 ADDED STYLE 2 ADDED	11-2-64	12839	HLA	JCB	[Signature]

CHART	MODEL	PROJECT NO.	ASS'Y. NO.	DATE
CHART	CHG-2,2A		R.F. Section	8-10-61
CHART	CHG-1		R.F. Section	11-3-60
CHART	SBE-3		AX-204	11-30-59
CHART	A-1516	SBE-2		8-27-58
REQ. PER UNIT				

REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
<b>THE TECHNICAL MATERIEL CORP.</b> MAMARONECK, NEW YORK			
STOCK SIZE			
CL-188, CL-189 & CL-264 ASSYS			
MATERIAL			
TYPE & TEMPER	HEAT TREAT. SPEC.	DRAWN	CHECKED
		16 3/27/58	JCB
FINISH & SPEC. NO.		ELEC. DES. APP.	MECH. DES. APP.
		RWB	JCB
		A-1519	