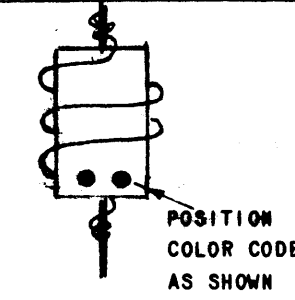


COIL NUMBER	L $\mu$ h	Q MIN	TEST FREQ	TYPE WIRE	APPROX NO OF TURNS	COIL FORM	DWG NO	USED ON
CL412-1	3.80 $\pm$ 4%	55	7.9 mc	WI141-30SP	40-3/4	RC32GF226J	A	FILTER CARD
-2	2.69	55	7.9 mc		30			
-3	2.49	55			28-1/2			
-4	2.41	55			27-1/2			
-5	1.78	55			21-3/4			
-6	1.68	55			21			
-7	1.32	55	7.9 mc	WI141-30SP	17-1/4			
-8	.85	55	2.5 mc	WI141-24SP	17-1/4			
-9	.78	55			16			
-10	.76	55			15-3/4			
-11	.52	55			11-3/4			
-12	.48	55			11			
-13	.47	55			10-3/4			
-14	.34	55			8-1/4			
-15	.31	55			8			FILTER CARD
-16	.21	55			5-3/4			RF CARD
-17	.19 $\pm$ 4%	55	25 mc	WI141-24SP	5-1/4	RC32GF226J		RF CARD
-18	DELETED							
-19	DELETED							
-20	1.15 $\pm$ 4%	35	7.9 mc	WI141-32SP	24-3/4	RC20GF226J		TRANSLATOR
-21	1.33	35	7.9 mc	WI141-32SP	28			
-22	1.30	35	7.9 mc	WI141-32SP	27-3/4	RC20GF226J	A	TRANSLATOR
-23	.077	*	*	WI141-24SP	2-3/4	PX370-8-7	B	TRANSLATOR
-24	.63	35	25 mc	WI141-30SP	18 1/4	RC20GF226J	A	TRANSLATOR
-25	.36	35	25 mc	WI141-30SP	12	RC20GF226J	A	TRANSLATOR
-26	.64	60	25 mc	WI141-24SP	13-3/4	RC32GF226J	A	
-27	12.8	100	2.5 mc	WI104-74IDSQS	41	CI 114	A	LFE-1 FILTER CARDS
-28	7.5	90	7.9 mc	WI104-1243SNE	30			
-29	6.7	100			28			
-30	5.5	100			24			
-31	4.5	100			21			
-32	4.3	95			20			
-33	4.0	100			19			
-34	2.5	95			14			
-35	2.3 $\pm$ 4%	90	7.9 mc	WI104-1243SNE	13	CI 114	A	LFE-1 FILTER CARDS
-36	.11uh $\pm$ 10%	40	25	WI141-32SP	6-1/2	RC07GF106J	A	STEP GEN C
-37	.085 uh	*	*	WI141-32SP	5	RC07GF106J	A	
-38	.205	*	25	WI141-26-2	9	RC20GF471J	A	
-39	.176	*	25	WI141-26-2	8	RC20GF471J	A	
-40	.155 $\pm$ 10%	*	25	WI141-26-2	7	RC20GF471J	A	STEP GEN C

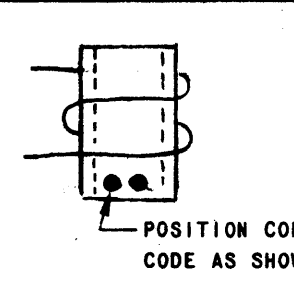
REVISIONS						
ZONE	LTR	DESCRIPTION	DATE	E.M.N.NO	DRAFT	CHKD APPD
	X	EXPERIMENTAL RELEASE	11/7/66	X	RME	
	X1	COMPLETELY REVISED	1/10/67	X1	RME	
	X2	REV.# TURNS ON COILS 20,21,22 & PICTORIAL	2-16-67	X2	L.P.K.	
	X3	"DWG" COL ADD; DWG "B" ADD	3.16.67		LHO	
	X4	TEST FREQ FOR CL142-8 THRU CL142-19 WAS 2.5 MC	4-18-67	X4	S.D.L.	
	X5	-24, 25 ADDED	7/25/67	X5	JA	
	X6	CL412-18 & -19 DELETED - INF. FOR CL412-16 & 17 CLARIFIED	7-19-67	X6	S.D.L.	
	X7	-26 ADDED	8/1/67	X7	C.V.	
	X	ORIG RELEASE FOR PDB	8/1/67		HO	
	A	L, Q, TEST FREQ. COL REV. 27 THRU 40 & COLOR CODE ADD.	10-3-67	18521	CV	
	B	"L" & NO OF TURNS FOR CL412-16 CL 412-17 MODIFIED SHEET 2 ADD	12-1-67	18652	RG	
	C	ADDED -45 THRU -52	9/25/70	19978	GE	
	D	DELE. $\pm$ 4% AT L MH	11/17/70	20085	RF	
	E	ADDED $\pm$ 4% & $\pm$ 10% TOL.	1/20/72	20526	RG	

DWG A



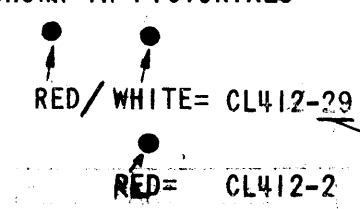
POSITION  
COLOR CODE  
AS SHOWN

DWG B



POSITION COLOR  
CODE AS SHOWN

ALL COILS SHALL BE COLOR CODED TO INDICATE DASH NUMBER.  
COLOR CODE SHALL BE READ FROM LEFT TO RIGHT AS SHOWN IN PICTORIALS

IE:  RED/WHITE = CL412-29  
RED = CL412-2

COLOR CODE CHART	
BROWN	1
RED	2
ORANGE	3
YELLOW	4
GREEN	5
BLUE	6
VIOLET	7
GRAY	8
WHITE	9
BLACK	0

NOTE:  
1. APPLY "Q" MAX. AND BAKE IN OVEN AT 140° FOR 1/2 HOUR.  
2. \* NO TEST

GHG-( )A	
LFE-1	
VOX-7	
MMX-( )	
QTY / UNIT	MODEL USED ON
APPLICATION	
S401-451	CODE A
NOTICE TO PERSONS RECEIVING THIS DRAWING	
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UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES	
DECIMALS .X $\pm$ .05 .XX $\pm$ .01 .XXX $\pm$ .005	FRACTIONS 1/64 ANGLES 0°-30'
ELECT. DES. DATE 8-1-67	
MECH. DES. DATE	
CHECKED DATE	
DRAWN RME DATE 11-7-66	
FINISH	
LIST OF MATERIAL	
THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
COIL, RF	
SIZE B	CODE IDENT. NO. 82679
DWG NO. CL412	ISSUE E
SCALE	
SHEET 1 OF 2	

COIL NUMBER	Lph	Q MIN	TEST FREQ	TYPE WIRE	APPROX NO OF TURNS	COIL FORM	DWG NO.	USED ON
CL412-41	.128 ±10%	40	25	WI141-32SP	7-1/2	RC07GF106J	A	STEP GEN C
-42	.084 ±4%	*	*	WI141-24-2	5-1/2	RC20GF226J	A	HF FILTER
-43	.049 ±4%	*	*	WI141-24-2	2-1/4	RC20GF226J	A	HF FILTER
-44	.055 ±4%	*	*	WI141-24-2	2-1/2	RC20GF226J	A	HF FILTER
-45	3.69 ±2%	*	7.9 MC	WI-141-37-2	50	RC20GF226J	A	ANT BOX
-46	2.62 ±2%	*	7.9 MC	WI-141-34-2	41	RC20GF226J	A	ANT BOX
-47	2.16 ±2%	*	7.9 MC	WI-141-34-2	37 1/2	RC20GF226J	A	ANT BOX
-48	1.85 ±2%	*	7.9 MC	WI-141-34-2	33	RC20GF226J	A	ANT BOX
-49	1.72 ±2%	*	7.9 MC	WI-141-34-2	30	RC20GF226J	A	ANT BOX
-50	1.31 ±2%	*	7.9 MC	WI-141-34-2	27	RC20GF226J	A	ANT BOX
-51	1.12 ±2%	*	7.9 MC	WI-141-34-2	24	RC20GF226J	A	ANT BOX
-52	0.927 ±2%	*	25 MC	WI-141-34-2	22	RC20GF226J	A	ANT BOX
-53	0.860 ±2%	*	25MC	WI141-30-5	23	RC20GF226J	A	ANT BOX
-54	0.656 ±2%	*	25MC	WI141-30-5	19	RC20GF226J	A	ANT BOX
-55	0.522 ±2%	*	25MC	WI141-30-5	18	RC20GF226J	A	ANT BOX
-56	0.463 ±2%	*	25MC	WI141-30-5	15	RC20GF226J	A	ANT BOX
-57	0.433 ±2%	*	25MC	WI141-30-5	14	RC20GF226J	A	ANT BOX
-58	0.330 ±2%	*	25MC	WI141-30-5	11-1/2	RC20GF226J	A	ANT BOX
-59	0.278 ±2%	*	25MC	WI141-30-5	10	RC20GF226J	A	ANT BOX
-60	0.193 ±2%	*	25MC	WI141-30-5	7	RC20GF226J	A	ANT BOX
-61	0.390 ±2%	*	25MC	WI141-30-5	13	RC20GF226J	A	ANT BOX
-62	0.220 ±2%	*	25MC	WI141-30-5	8-1/2	RC20GF226J	A	ANT BOX

REVISIONS							
ZONE	LTR	DESCRIPTION	DATE	E.M.N.NO	DRAFT	CHKD	APPD
	B	-41,42,43,44 ADDED SEE SHEET 1	12-6-67	18652	G.D.L.	W.D.	OP.H.
	C	ADDED -45 THRU -52	9-25-70	19978	GE	( )	( )
	D	ADD. 53-62 & REVISED	11/17/70	20085	RF	( )	PEB
	E	SEE SHEET 1	1/20/72	20526	RG	CJ	CF

HERR-4		
LFE-1		
CHG-( )4		
VOX-7		
MMX-( )		
QTY / UNIT	MODEL USED ON	ASS'Y NO.
APPLICATION		
S401-451	CODE A	
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REQ'D	ITEM	PART NUMBER	DESCRIPTION	SYM.
O. POSE LIST OF MATERIAL				
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES			THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
DECIMALS .X ± .05 .XX ± .01 .XXX ± .005		FRACTIONS 1/64 ANGLES 0° -30'		COIL, RF
MATERIAL FINISH		ELECT. DES. DATE CHECKED DATE DRAWN G.D.L. DATE 12-6-67		
SIZE B		CODE IDENT. NO. 82679	DWG NO. CL 412	ISSUE E
SCALE		SHEET 2 OF 2		