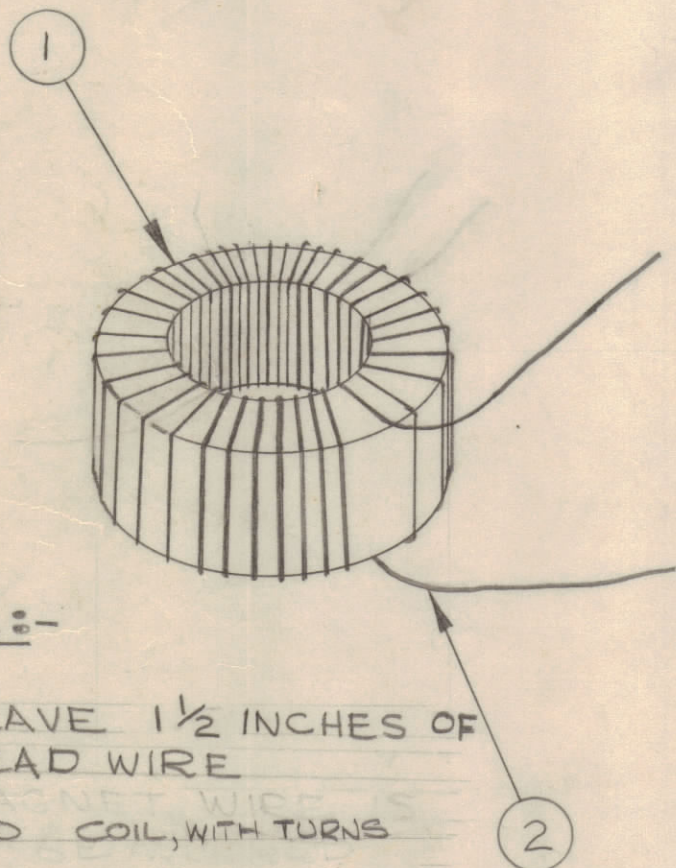


IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.					DIMENSIONS IN INCHES UNLESS OTHERWISE SPECIFIED		
MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES.							
ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.
Ø		REL TO PROD	APRIL 1/68		AP	[Signature]	[Signature]
A		REV TO CEMN	APRIL 15/68	357	AP	[Signature]	[Signature]
B		REV TO CEMN	JULY 9/68	378	AP	[Signature]	[Signature]
C		REV PER CEMN	13 DEC 69	399	PS	[Signature]	[Signature]
D		CL10040-7 & 8 ADD	9-29-83		GDL		
E		SHEET 2 ADDED	5-13-92		GDL		

REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
1	1	CI10011-1-Q2	CORE	
AR	2	WI123-28	WIRE, MAGNET	
AR	3	GL104-2	RESIN SYN. (INSUL-X)	

CL10040-1	CL10040-2	CL10040-3	CL10040-4
<p><u>ASSEMBLY</u></p> <p>WIND 23 TURNS OF ITEM 2 ON ITEM 1. COAT WITH ITEM 3.</p> <p><u>TEST</u></p> <p>PEEL TURNS OFF UNTIL INDUCTANCE IS <math>10.4 \mu\text{H} \pm 2\%</math> AT FREQUENCY OF 2.5 MHZ ON BOONTON BRIDGE.</p>	<p><u>ASSEMBLY</u></p> <p>WIND 12 TURNS OF ITEM 2 ON ITEM 1. COAT WITH ITEM 3.</p> <p><u>TEST</u></p> <p>PEEL TURNS OFF UNTIL INDUCTANCE IS <math>4.0 \mu\text{H} \pm 2\%</math> AT FREQUENCY OF 7.9 MHZ ON BOONTON BRIDGE.</p>	<p><u>ASSEMBLY</u></p> <p>WIND 11 TURNS OF ITEM 2 ON ITEM 1. COAT WITH ITEM 3.</p> <p><u>TEST</u></p> <p>PEEL TURNS OFF UNTIL INDUCTANCE IS <math>3.8 \mu\text{H} \pm 2\%</math> AT FREQUENCY OF 7.9 MHZ ON BOONTON BRIDGE.</p>	<p><u>ASSEMBLY</u></p> <p>WIND 10 TURNS OF ITEM 2 ON ITEM 1. COAT WITH ITEM 3.</p> <p><u>TEST</u></p> <p>PEEL TURNS OFF UNTIL INDUCTANCE IS <math>2.6 \mu\text{H}</math> WITHIN 1 TURN AT FREQUENCY OF 7.9 MHZ ON BOONTON BRIDGE.</p>
CL10040-5	CL10040-6	CL10040-7	CL10040-8
<p><u>ASSEMBLY</u></p> <p>WIND 17 TURNS OF ITEM 2 ON ITEM 1. COAT WITH ITEM 3.</p> <p><u>TEST</u></p> <p>PEEL TURNS OFF UNTIL INDUCTANCE IS <math>7.2 \mu\text{H}</math> WITHIN 1 TURN AT FREQUENCY OF 2.5 MHZ ON BOONTON BRIDGE.</p>	<p><u>ASSEMBLY</u></p> <p>WIND 25 TURNS OF ITEM 2 ON ITEM 1. COAT WITH ITEM 3.</p> <p><u>TEST</u></p> <p>PEEL TURNS OFF UNTIL INDUCTANCE IS <math>12.1 \mu\text{H} \pm 2\%</math> AT FREQUENCY OF 2.5 MHZ ON BOONTON BRIDGE.</p>	<p><u>ASSEMBLY</u></p> <p>WIND 15 TURNS OF ITEM 2 ON ITEM 1. COAT WITH ITEM 3.</p> <p><u>TEST</u></p> <p>PEEL TURNS OFF UNTIL INDUCTANCE IS <math>4.8 \mu\text{H} \pm 2\%</math> AT FREQUENCY OF ON BOONTON BRIDGE.</p>	<p><u>ASSEMBLY</u></p> <p>WIND 29 TURNS OF ITEM 2 ON ITEM 1. COAT WITH ITEM 3.</p> <p><u>TEST</u></p> <p>PEEL TURNS OFF UNTIL INDUCTANCE IS <math>14.3 \mu\text{H} \pm 2\%</math> AT FREQUENCY OF ON BOONTON BRIDGE.</p>



NOTE:-

1. LEAVE  $1\frac{1}{2}$  INCHES OF LEAD WIRE
2. WIND COIL, WITH TURNS EQUISPACED, OCCUPYING BETWEEN 75% & 100% OF THE CORE.

NOTE:

INSURE THAT THE TEST FREQUENCY IS ACCURATELY POSITIONED ON THE BOONTON BRIDGE

TOLERANCES		SCALE:
ALL OTHERS	DEC. DIM. $\pm .X = .05$ FRAC. DIM. $\pm \frac{1}{64} .XX = .01$ ANGULAR DIM. $\pm 0^{\circ} 30'$ .XXX = .005	DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.

MODEL	PROJECT NO.	ASS'Y. NO.	DATE
			MAR 20/68

STOCK SIZE		TMC (Canada) LIMITED OTTAWA ONTARIO	
MATERIAL		COIL, R.F.	
WEIGHT PER PC.			
TYPE & TEMPER		RPL	A.S.
HEAT TREAT. SPEC.		DRAWN	ELEC. DES. APP. MECH. DES. APP.
FINISH & SPEC. NO.		CHECKED	FINAL APPROVAL
		CL10040 E	

4

3

2

1

CL 10040-9  
ASSEMBLY

WIND 30 TURNS OF  
ITEM 2 ON ITEM 1  
COAT WITH ITEM 3

TEST  
PEEL TURNS OFF UNTIL  
INDUCTANCE IS 30  $\mu$ H  $\pm$  2%  
AT FREQUENCY OF 2.5 MHz  
ON BOONTON BRIDGE TYPE

CL 10040-10  
ASSEMBLY

WIND 14 TURNS OF  
ITEM 2 ON ITEM 1  
COAT WITH ITEM 3

TEST  
PEEL TURNS OFF UNTIL  
INDUCTANCE IS 10  $\mu$ H  $\pm$  2%  
AT FREQUENCY OF 2  
2.5 MHz ON BOONTON  
BRIDGE

CL 10040-11  
ASSEMBLY

WIND 45 TURNS OF  
ITEM 2 ON ITEM 1  
COAT WITH ITEM 3

TEST  
PEEL TURNS OFF UNTIL  
INDUCTANCE IS 50  $\mu$ H  $\pm$  2%  
AT FREQUENCY OF 2.5 MHz  
ON BOONTON BRIDGE

CL 10040-12  
ASSEMBLY

WIND 60 TURNS OF  
ITEM 2 ON ITEM 1  
COAT WITH ITEM 3

TEST  
PEEL TURNS OFF UNTIL  
INDUCTANCE IS 150  $\mu$ H  
AT FREQUENCY 790 KHz  
ON BOONTON BRIDGE

REVISIONS						
ZONE	LTR	DESCRIPTION	DATE	E.M.N.NO	DRAFT	CHKD APPD
	E	SHEET 2 ADDED	5-14-92		GDL	

CL 10040-13  
ASSEMBLY

WIND 26 TURNS OF  
ITEM 2 ON ITEM 1  
COAT WITH ITEM 3

TEST  
PEEL TURNS OFF UNTIL  
INDUCTANCE IS 25  $\mu$ H  $\pm$  2%  
AT FREQUENCY 2.5 MHz  
ON BOONTON BRIDGE

CL 10040-14  
ASSEMBLY

WIND 40 TURNS OF  
ITEM 2 ON ITEM 1  
COAT WITH ITEM 3

TEST  
PEEL TURNS OFF UNTIL  
INDUCTANCE IS 65  $\mu$ H  $\pm$  2%  
AT FREQUENCY 2.5 MHz  
ON BOONTON BRIDGE

QTY. REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
LIST OF MATERIAL				
FINAL APPROVAL		DATE	<b>THE TECHNICAL MATERIEL CORP.</b> MAMARONECK, NEW YORK  COIL, R.F.	
MECH. DES.		DATE		
ELECT. DES.		DATE		
CHECKED		DATE		
DRAWN		DATE		
MATERIAL		SIZE	CODE IDENT. NO.	DWG NO.
FINISH		C	82679	CL 10040-
		SCALE	SHEET 2 OF 2	

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

TOLERANCES ON

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

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

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1