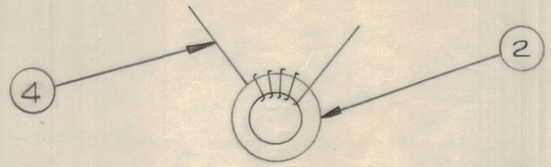
IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

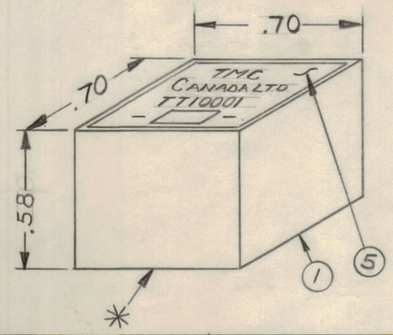
MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES.

DIMENSIONS IN INCHES UNLESS OTHERWISE SPECIFIED

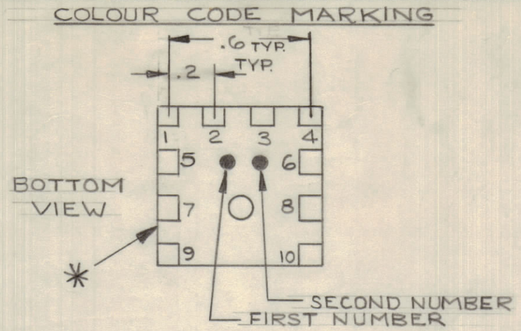
ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.
A		REDRAWN	NOV. 1/67		AP	W	
B		REV AS PER CEMN	SEPT 20/68	394	AP		
C		REV AS PER CEMN	12 AUG 72	1191	CC		
D		REV AS PER CEMN	SEPT 11/71	1254	HCS		



TYP. FOR ALL SKETCHES



COLOUR CODE MARKING



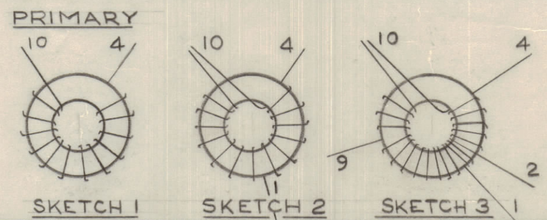
NOTE :-
1- COLOUR CODE INDICATES LAST TWO DIGITS IN TMC PART NO.
2- * - INDICATES POSITION OF NAMEPLATE

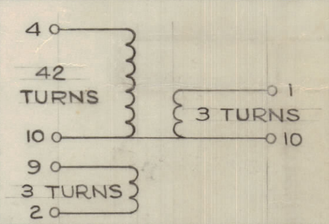
REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
AR	1	BP10011	CASE	
AR	2	CI-10011-1-Q1	CORE	
AR	3	RC07GF180J	RESISTOR FIXED	
AR	4	WI 10002-2	WIRE, MAGNET	
AR	5	NP 10157	NAMEPLATE	
AR	6	GL 130	Q - DOPE	
AR	7	GL10005-3110H	ENCAPSULANT	

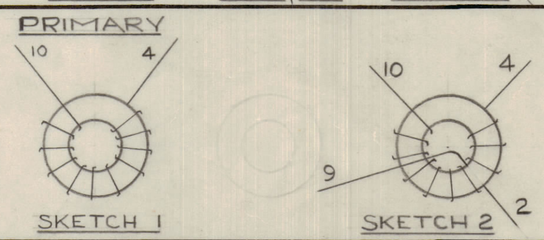
TMC PART NO.	STAGE 1 WIND NO. OF TURNS AS INDICATED BELOW	STAGE 2	STAGE 3	STAGE 4 REMOVE TURNS FROM THE PRIMARY WINDING TO OBTAIN THE FOLLOWING. INDUCTANCE IN μH	Q-MINIMUM	TEST FREQUENCY	* - INDICATES MAX. NO. OF TURNS TO REMOVE	STAGE 5	STAGE 6	STAGE 7 INDUCTANCE VALUES MUST HOLD WITH ALL WINDINGS COMPLETED, COIL MOUNTED, AND ENCAPSULATED (AT 25°C).	COLOUR CODE	ITEM 2, CORE
TT10001-11	42	WIND 3 TURNS OF ITEM NO. 4 AS SHOWN IN SKETCH 2. WIND 3 TURNS OF ITEM NO. 4 AS SHOWN IN SKETCH 3.	DIP COIL IN ITEM NO. 6, AND BAKE FOR 1/2 HOUR AT 125° F.	114 ± 3 μH		790 KHZ.	7	MOUNT TRANSFORMER ON BASE AND CONNECT WIRES TO CORRESPONDING NUMBERED PINS.	POT TRANSFORMERS USING ITEM 7 AS PER SPEC S10149	114 ± 4	BRN/BRN	CI 10011-1-Q1
TT10001-12	42	WIND ONE LOOP OF ITEM NO. 4 AS SHOWN IN SKETCH 2.		112 ± 3 μH		790 KHZ.	7	MOUNT TRANSFORMER ON BASE AND CONNECT WIRES TO CORRESPONDING NUMBERED PINS. INSTALL RESISTOR ITEM NO. 3 BETWEEN PINS 1 AND 2.	POT TRANSFORMERS USING ITEM 7 AS PER SPEC. S10149.	112 ± 4	BRN/RED	CI 10011-1-Q1
TT10001-13	42	WIND 6 TURNS OF ITEM NO. 4 AS SHOWN IN SKETCH 2.		112 ± 3 μH		790 KHZ.	7	MOUNT TRANSFORMER ON BASE AND CONNECT WIRES TO CORRESPONDING NUMBERED PINS. PLACE A JUMPER (ITEM 4) BTWEEN PINS 1 AND 9.	POT TRANSFORMERS USING ITEM 7 AS PER SPEC S10149	112 ± 4	BRN/ORN	CI 10011-1-Q1

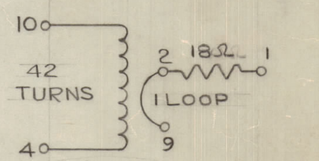
NOTE:-
1- DIRECTION OF WINDING TO BE CLOSELY FOLLOWED AS SHOWN BELOW.
2- ALL TRANSFORMER LEADS TO BE 1 INCH LONG.
3- TIN ALL LEADS BACK 3/4 INCH.

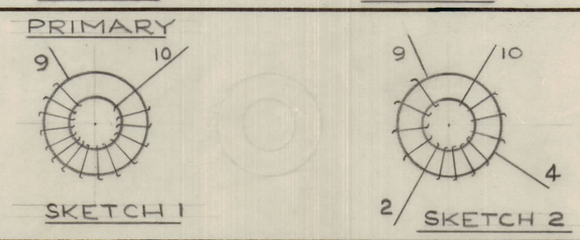
SCHEMATIC DETAILS

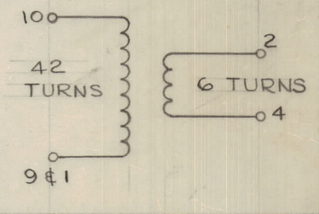












TOLERANCES		SCALE:
ALL OTHERS	DEC. DIM. ± FRAC. DIM. ± ANGULAR DIM. ±	DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.

MODEL	PROJECT NO.	ASS'Y. NO.	DATE
USED ON	059/67		JUNE 21/67

STOCK SIZE		
MATERIAL	WEIGHT PER PC.	
TYPE & TEMPER		
HEAT TREAT. SPEC.		
FINISH & SPEC. NO.		

TMC (Canada) LIMITED
OTTAWA ONTARIO

TRANSFORMER
RF, TUNED.

DRAWN	ELEC. DES. APP.	MECH. DES. APP.
RPL		
CHECKED	FINAL APPROVAL	

SHEET 1 of 3 | TT-10001 | D

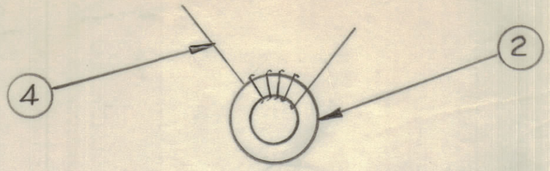
FORM—129

IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

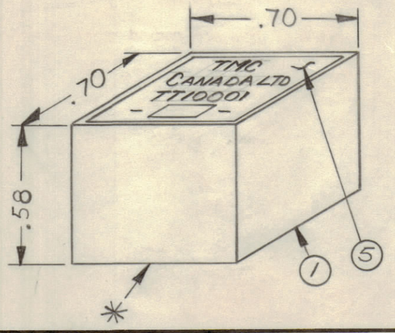
MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES.

DIMENSIONS IN INCHES UNLESS OTHERWISE SPECIFIED

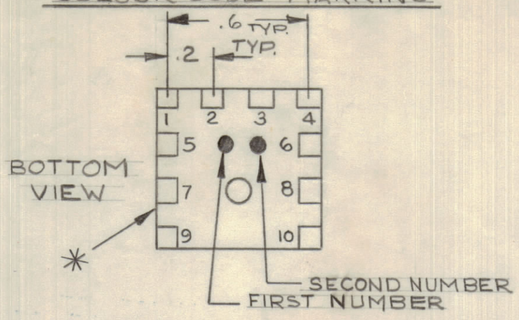
ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.
A		REDRAWN	NOV. 2/67		AP	MJ	JL
B		REV AS PER CEMN	SEPT 20/68	394	AP	JL	
C		REV AS PER CEMN	10 AUG 72	1191	C.C.		
D		REV AS PER CEMN	SEPT 11/73	1254	H.C.S.		JON



TYP. FOR ALL SKETCHES



COLOUR CODE MARKING



REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
AR	1	BP10011	CASE	
AR	2	CI-10011-1-Q1	CORE	
AR	3	CI-10011-1-Q2	CORE	
AR	4	RC07GF100J	RESISTOR FIXED	
AR	5	WI 10002-2	WIRE MAGNET	
AR	6	NP 10157	NAMEPLATE	
AR	7	GL 130	Q - DOPE	
AR	8	GL10005-3110H	ENCAPSULANT	

NOTE :-
1- COLOUR CODE INDICATES LAST TWO DIGITS IN TMC PART NO.
2- * - INDICATES POSITION OF NAMEPLATE

TMC PART NO.	STAGE 1 WIND NO. OF TURNS AS INDICATED BELOW	STAGE 2	STAGE 3	STAGE 4 REMOVE TURNS FROM THE PRIMARY WINDING TO OBTAIN THE FOLLOWING. INDUCTANCE IN µH	Q-MINIMUM	TEST FREQUENCY	* - INDICATES MAX NO. OF TURNS TO REMOVE	STAGE 5	STAGE 6	STAGE 7 INDUCTANCE VALUES MUST HOLD WITH ALL WINDINGS COMPLETED, COIL MOUNTED, AND ENCAPSULATED (AT 25°C).	COLOUR CODE	ITEM 2 CORE	NOTE :- 1- DIRECTION OF WINDING TO BE CLOSELY FOLLOWED AS SHOWN BELOW 2- ALL TRANSFORMER LEADS TO BE 1 INCH LONG. 3- TIN ALL LEADS BACK 3/4 INCH.	SCHEMATIC DETAILS
TT10001-21	23	WIND 3 TURNS OF ITEM NO. 5 AS SHOWN IN SKETCH 2. WIND 1 "U" LOOP OF ITEM NO. 5, AS SHOWN IN SKETCH 3 AND CONNECT BETWEEN PINS 1 AND 10.	DIP COIL IN ITEM NO. 7 AND BAKE FOR 1/2 HR. AT 125°F	30 ± 1 µH		2.5 MHZ.	3	MOUNT TRANSFORMER ON BASE AND CONNECT WIRES TO CORRESPONDING NUMBERED PINS.	POT TRANSFORMERS USING ITEM 8, AS PER SPEC S10149.	30 ± 1.5 µH	RED / BRN	CI 10011-1-Q1	PRIMARY SKETCH 1 SKETCH 2 SKETCH 3	4 23 TURNS 10 9 3 TURNS 2 1 LOOP 1 10
TT10001-22	23	WIND ONE LOOP OF ITEM NO. 5, AS SHOWN IN SKETCH 2 AND CONNECT BETWEEN PINS 2 AND 9 AS SHOWN IN SKETCH 2.		30 ± 1 µH		2.5 MHZ.	3	MOUNT TRANSFORMER ON BASE AND CONNECT WIRES TO CORRESPONDING NUMBERED PINS. INSTALL RESISTOR ITEM NO. 4, BETWEEN PINS 1 AND 2.	POT TRANSFORMERS USING ITEM 8 AS PER SPEC. S10149.	30 ± 1.5 µH	RED / RED	CI 10011-1-Q1	PRIMARY SKETCH 1 SKETCH 2	10 23 TURNS 4 2 10Ω 1 1 LOOP 9
TT10001-23	33	WIND 6 TURNS OF ITEM NO. 5, AS SHOWN IN SKETCH 2.		30 ± 1 µH		2.5 MHZ.	5	MOUNT TRANSFORMER ON BASE AND CONNECT WIRES TO CORRESPONDING NUMBERED PINS.	POT TRANSFORMERS USING ITEM 8 AS PER SPEC. S10149.	30 ± 1.5 µH	RED / ORN	CI 10011-1-Q2	PRIMARY SKETCH 1 SKETCH 2	10 33 TURNS 9 & 1 2 6 TURNS 4

TOLERANCES		SCALE:
ALL OTHERS	DEC. DIM. ± FRAC. DIM. ± ANGULAR DIM. ±	DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.

MODEL	PROJECT NO.	ASS'Y. NO.	DATE
USED ON	059/67		JUNE 21/67

STOCK SIZE
MATERIAL | WEIGHT PER PC.
TYPE & TEMPER
HEAT TREAT. SPEC.
FINISH & SPEC. NO.

TMC (Canada) LIMITED
OTTAWA ONTARIO

TRANSFORMER
RF, TUNED

DRAWN	ELEC. DES. APP.	MECH. DES. APP.
RPL		
CHECKED	FINAL APPROVAL	

SHEET 2 of 3 | TT10001 | D

FORM—129

IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

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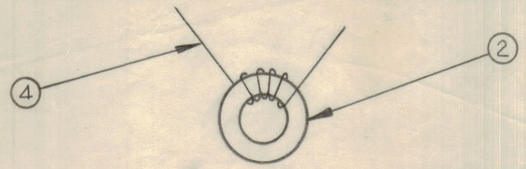
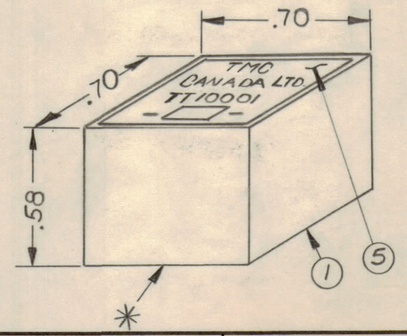
DIMENSIONS IN INCHES UNLESS OTHERWISE SPECIFIED

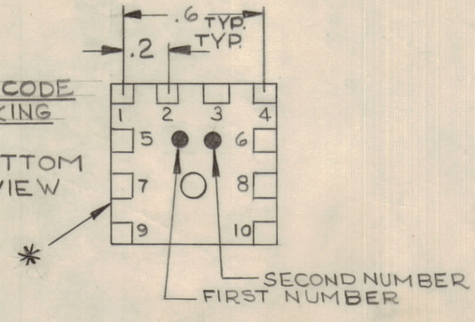
ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.
A		REDRAWN	NOV. 3/67		AP	JW	
B		REV AS PER CEMN	SEPT 20/68	394	AP		
C		REV AS PER CEMN	10 AUG 72	1191	CC		
D		REV AS PER CEMN	SEPT 11/71	1254	HCS		RJN



TYP. FOR ALL SKETCHES



COLOUR CODE MARKING



BOTTOM VIEW

REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
AR	1	BP10011	CASE	
AR	2	CI10011-1-Q2	CORE	
AR	3	RC07GF100J	RESISTOR FIXED	
AR	4	WI10002-2	WIRE MAGNET	
AR	5	NP10157	NAMEPLATE	
AR	6	GL130	Q-DOPE	
AR	7	GL10005-3110H	ENCAPSULANT	

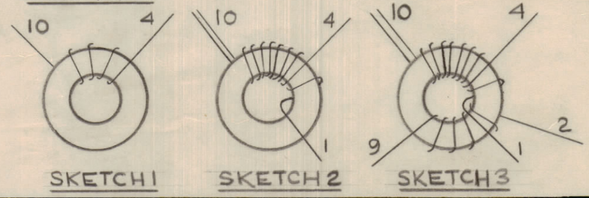
NOTE :-
1- COLOUR CODE INDICATES LAST TWO DIGITS IN TMC PART NO.
2- * - INDICATES POSITION OF NAMEPLATE

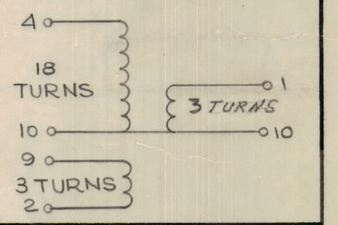
TMC PART NO.	STAGE 1 WIND NO. OF TURNS AS INDICATED BELOW	STAGE 2	STAGE 3	STAGE 4 REMOVE TURNS FROM THE PRIMARY WINDING TO OBTAIN THE FOLLOWING: INDUCTANCE IN μH	Q-MINIMUM	TEST FREQUENCY	* - INDICATES MAX. NO. OF TURNS TO REMOVE	STAGE 5	STAGE 6	STAGE 7 INDUCTANCE VALUES MUST HOLD WITH ALL WINDINGS COMPLETED, COIL MOUNTED, AND ENCAPSULATED (AT 25°C).	COLOUR CODE	ITEM 2 CORE
TT10001-31	18	WIND 3 TURNS OF ITEM NO. 4 AS SHOWN IN SKETCH 2. WIND 3 TURNS OF ITEM NO. 4 AS SHOWN IN SKETCH 3	DIP COIL IN ITEM NO. 7 AND BAKE FOR 1/2 HR AT 125°F	9.0 ± .5μH		7.9 MHz	3	MOUNT TRANSFORMER ON BASE AND CONNECT WIRES TO CORRESPONDING NUMBERED PINS	POT TRANSFORMER USING ITEM 7 AS PER SPEC. S10149.	9.0 ± 1μH	ORN/BRN	CI10011-1-Q2
TT10001-32	18	MOUNT TRANSFORMER ON BASE AND CONNECT WIRES TO CORRESPONDING NUMBERED PINS		9.0 ± .5μH		7.9 MHz	3	INSTALL RESISTOR ITEM NO. 3 BETWEEN PINS 1 AND 2 AND WIND 1 LOOP ROUND CORE CONNECTING PINS 2 & 9 AS IN SKETCH 2.	POT TRANSFORMER USING ITEM 7 AS PER SPEC. S10149	9.0 ± 1μH	ORN/RED	CI10011-1-Q2
TT10001-33	16	WIND 4 TURNS OF ITEM NO. 4 AS SHOWN IN SKETCH 2.		7.5 ± .5μH		7.9 MHz	3	MOUNT TRANSFORMER ON BASE AND CONNECT WIRES TO CORRESPONDING NUMBERED PINS AND INSTALL A JUMPER BETWEEN PINS 1 AND 9.	POT TRANSFORMER USING ITEM 7 AS PER SPEC. S10149.	7.5 ± 1μH	ORN/ORN	CI10011-1-Q2

NOTE :-
1- DIRECTION OF WINDING TO BE CLOSELY FOLLOWED AS SHOWN BELOW
2- ALL TRANSFORMER LEADS TO BE 1 INCH LONG.
3- TIN ALL LEADS BACK 3/4 INCH.

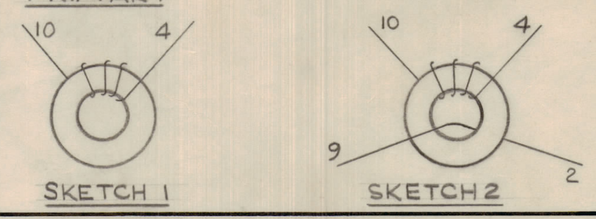
SCHEMATIC DETAILS

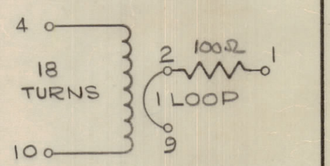
PRIMARY



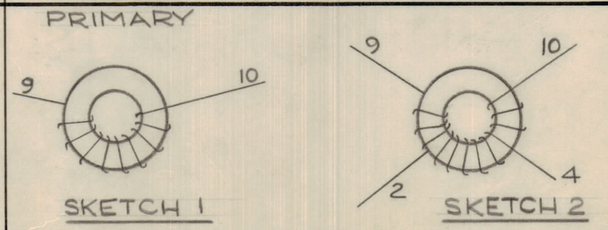


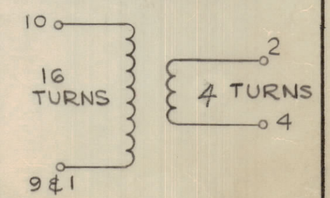
PRIMARY





PRIMARY





TOLERANCES		SCALE:
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MODEL	059/67 PROJECT NO.	ASS'Y. NO.	JUNE 21/67 DATE
USED ON			

STOCK SIZE
MATERIAL | WEIGHT PER PC.
TYPE & TEMPER
HEAT TREAT. SPEC.
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TMC (Canada) LIMITED
OTTAWA ONTARIO

TRANSFORMER
RF, TUNED

DRAWN	ELEC. DES. APP.	MECH. DES. APP.
RPL		
CHECKED	FINAL APPROVAL	

SHEET 3 of 3 | TT10001 | D

FORM—139