

STANDARD DRAWING

CM100 J

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

TMC NO.	CAP. VALUE	TOL.	CHAR.	CASE SIZE	W.Y. DGMFG.
CM 100-1	3390	±2%(G)	C	CM 35	500
CM 100-2	345	±2%(G)	C	CM 20	500
CM 100-3	1,150	±2%(G)	C	CM 30	500
CM 100-4	11,000	±5%(J)	C	CM 35	300
CM 100-5	4,000	±2%(G)	C	CM 35	500
CM 100-6	19,000	±10%(K)	B	CM 35	500
CM 100-7	1,000	±5%(J)	C	CM 35	500
CM 100-8	1,000	±5%(J)	E	CM 20	600
CM100-9	1,300	±2%(G)	F	CM 30	2000
CM100-10	1,500	±2%(G)	F	CM 20	500
CM100-11	1,600	±2%(G)	F	CM 20	500
CM100-12	1,200	±2%(G)	F	CM 20	500
CM100-13	1,800	±2%(G)	F	CM 20	500
CM100-14	2,000	±2%(G)	F	CM 20	500
CM100-15	1,000	±2%(G)	F	CM 20	500

TMC
CM-100-X
XXX WVDC

CAPACITORS SHALL BE MARKED AS SHOWN (LOCATION & POSITION MFRS. OPTION)

NOTE:

THIS DWG IS TO BE USED FOR MIL TYPE CAPACITORS WHICH DEVIATE FROM SPEC. MIL-C-5 IN VALUE, VOLT, ETC.

MARKING INSTRUCTIONS:

MARK TMC PART NO. WHERE APPROPRIATE, WITH 3/32 HIGH BLACK GOTHIC LETTERING AS PER TMC SPEC. 5727.

REF: SEE CM 20-25-30-35 (STANDARDS)

REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
		THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
STOCK SIZE		CAPACITOR, FIXED MICA	
MATERIAL	WEIGHT PER PC.	(SPECIAL VALUES)	
TYPE & TEMPER.		C.D.D. 1-30-53	
HEAT TREAT. SPEC.		DRAWN	
FINISH & SPEC. NO.		CHECKED	

ISSUE ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS CHECKING APP.
J	DN (15) WAS 1,000.	11/13/53	22	9/18
H	CM100-9 TO 15 ADD	11/67	A.M.	10/10
TOLERANCES				
DEC. DIM. ±	SCALE			
FRAC. DIM. ±	DRILL, PUNCH, COMMERCIAL STOCK			
ANGULAR DIM. ±	SIZES AND MANUFACTURERS			
	TOLERANCES ARE NOT INCLUDED.			

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TMC NO	CAP.	TOL	CHAR	HAM PARTS NO	FIRST USED
CM-102-1	379 μ mf	$\pm 1\%$	E	23071-63	DMK-A
CM-102-2	404 μ mf	$\pm 1\%$	E	23071-69	DMK-A

CM-102

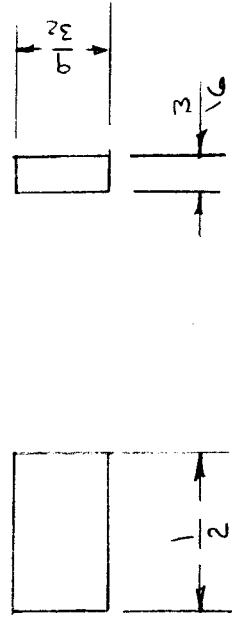
USED ON

DATE

ASS'Y. NO.

PROJECT NO.

MODEL



NOTE
Working Voltage Dc 500

REF: EL-MENCO

REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
		THE TECHNICAL MATERIEL CORP. MAMARONECK. NEW YORK	
STOCK SIZE		CAPACITOR, FIXED	
MATERIAL			
TYPE & TEMPER			
HEAT TREAT. SPEC.			
FINISH & SPEC. NO.			CM-102

ISSUE ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.
TOLERANCES						
SCALE						
DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.						
ALL DEC. DIM. \pm						
OTHERS FRAC. DIM. \pm						
ANGULAR DIM. \pm						

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TMC NO	CAP	TOL.	HAM PART NO	FIRST USED
CM-103-1	.01	-10% +20%	23012-1	DMK-4
CM-103-2	.02	+20%	23013-1	DMK-4

NOTE
Working Voltage Dc 400

REF: AEROVOX

CM-103

MODEL		PROJECT NO.		ASSY. NO.		DATE
USED ON						
REQ. ITEM	PART NO.	DESCRIPTION		SYMBOL		
		THE TECHNICAL MATERIEL CORP. MAMARONECK. NEW YORK				
	STOCK SIZE	CAPACITOR, FIXED				
	MATERIAL	WEIGHT PER PC.				
	TYPE & TEMPER		DRAWN	ELEC. DES. APP.	MECH. DES. APP.	
	HEAT TREAT. SPEC.		CHECKED	FINAL APPROVAL		
	FINISH & SPEC. NO.		CM-103			

ISSUE ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.
TOLERANCES						
SCALE						
DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.						
ALL DEC. DIM. ±						
OTHERS FRAC. DIM. ±						
ANGULAR DIM. ±						

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CM-104

USED ON

MODEL PROJECT NO. ASS'Y. NO. DATE

DMK-J

9/15/53

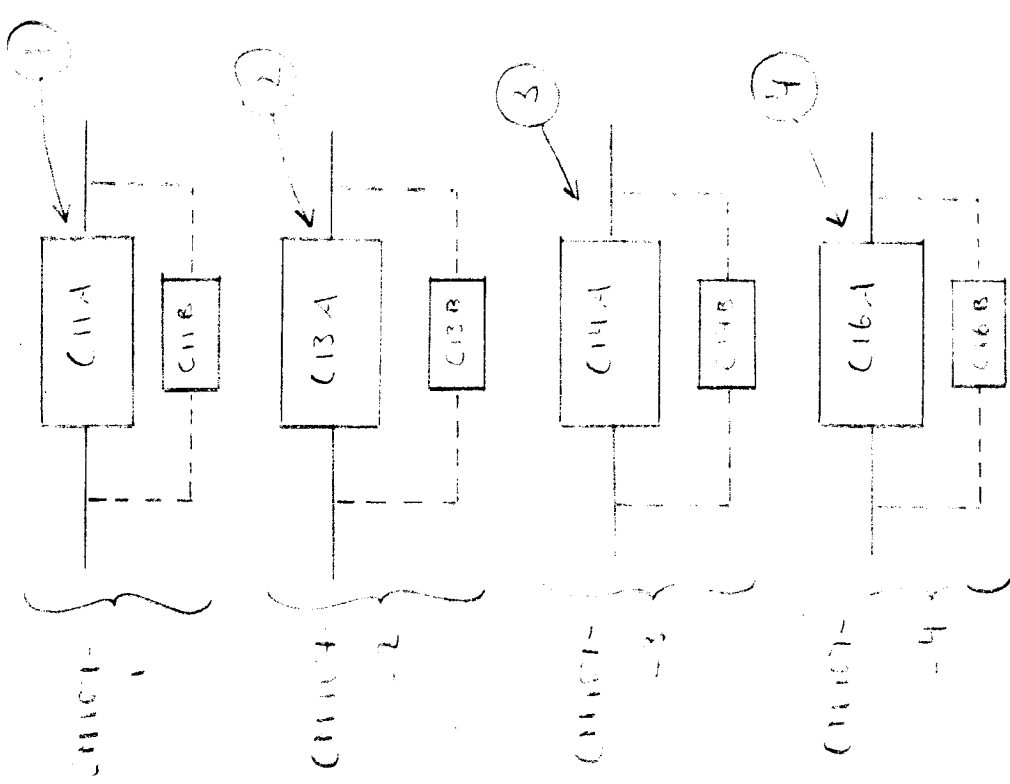
ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.
TOLERANCES							
ALL	DEC. DIM. \pm	SCALE					
OTHERS	FRAC. DIM. \pm	DRILL, PUNCH, COMMERCIAL STOCK					
	ANGULAR DIM. \pm	SIZES AND MANUFACTURERS					
		TOLERANCES ARE NOT INCLUDED.					

Ref. Hammer and W. Co 23070-40 (Rev. 1/4/53)

REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
		THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
STOCK SIZE			
MATERIAL		Capacitor, fixed mica	
WEIGHT PER PC.			
TYPE & TEMPER			
	DRAWN	ELEC. DES. APP.	MECH. DES. APP.
	CHECKED	FINAL APPROVAL	
HEAT TREAT. SPEC.			
FINISH & SPEC. NO.			CM-104

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NOTE: C11B, C13B, C14B, C16B TO BE CHOSEN FROM KIT DURING CALIBRATION

ISSUE ITEM CHANGED FROM DATE CN. NO. DRAFTS CHECKER ENG. APP.

TOLERANCES

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

DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.

CM-107

USED ON

MODEL	PROJECT NO.	ASSY. NO.	DATE
CFA-1LB	745		9-28-53

REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
1 14	CM200 511G		
1 13	CM200 411G		
1 12	CM200 431G		
1 11	CM200 391G		
1 10	CM200 301G	DISCRIMINATOR	
1 9	CM200 351G	CAPACITOR	
1 8	CM200 301G	NET	
1 7	CM200 211G		
1 6	CM200 241G		
1 5	CM200 221G		
1 4	CM300 362G	BASIC CAPACITOR	C16A
1 3	CM300 132G		C14A
1 2	CM300 362G		C13A
1 1	CM300 152G		C11A

THE TECHNICAL MATERIEL CORP.
MAMARONECK, NEW YORK

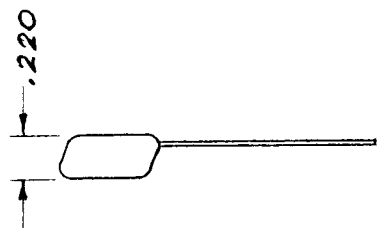
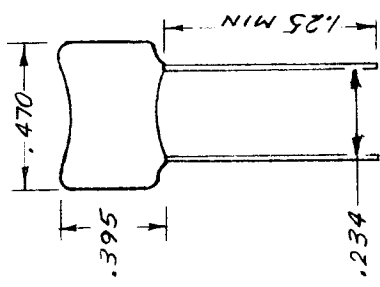
DISCRIMINATOR CAPACITORS
CFA-1LB

DRAWN	ELEC. DES. APP.	MECH. DES. APP.
✓	A. J. T.	
CHECKED	FINAL APPROVAL	
✓	WDC	

CM107

CM10001

ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.	REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
Ø		REL TO PROD	30-5-66		RD		<i>[Signature]</i>					



NOTES:
560 Pf
100 WVDC
5%

MFR: S401-203
MFR NO. EDM-15

MODEL		PROJECT NO.		DATE	
005/66				30 MAY 66	
USED ON					
MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES			IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.		
TOLERANCES			SCALE NTS		
DEC. DIM. ±			DIMENSIONS IN INCHES		
FRAC. DIM. ±			UNLESS OTHERWISE SPECIFIED		
ANGULAR DIM. ±			DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.		
STOCK SIZE		MATERIAL		WEIGHT PER PC.	
TYPE & TEMPER		HEAT TREAT. SPEC.		FINISH & SPEC. NO.	
RD				PLUMMER	
DRAWN		ELEC. DES. APP.		MECH. DES. APP.	
<i>[Signature]</i>		<i>[Signature]</i>		<i>[Signature]</i>	
CHECKED		FINAL APPROVAL		CM10001	
TMC (Canada) LIMITED		OTTAWA		ONTARIO	
CAPACITOR, MICA		560 Pf		RD	