

CE-100 B

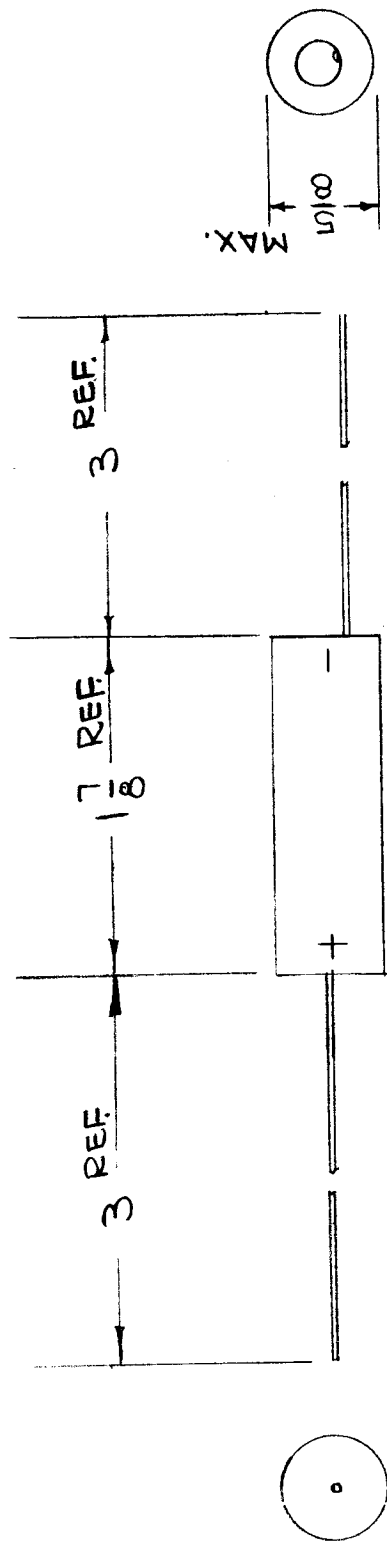
**STANDARD DRAWING**

USED ON

MODEL	PROJECT NO.	ASSY. NO.	DATE
FFR	104	A-275	7-25-52

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



S401-93 (PRS 1451)  
 S401-49 (TVA 1448)  
 S401-172 (CTA 1235)

FOR PURCHASING ONLY

TEMP. 85°C  
 VALUE: 25µfd.  
 DCV: 150V.  
 LEADS: BARE TINNED COPPER METAL  
 CASE CARDBOARD SLEEVE  
 NEG. COMMON TO CASE.

REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
		THE TECHNICAL MATERIEL CORP. MAMARONECK. NEW YORK	
STOCK SIZE			
#	#	CAPACITOR, DRY	
MATERIAL	WEIGHT PER PC.	ELECTROLYTIC	
#	#	EMB 7/25/52	
TYPE & TEMPER		DRAWN	ELEC. DES. APP. TECH. DES. APP.
#		V6 1-13-53	FINAL APPROVAL
HEAT TREAT. SPEC.			
#			
FINISH & SPEC. NO.			CE-100 B

B	1	PICTORIAL & SPECS REVISED	3-22-52	13549	9/25/52
A	1	PICT. REVISED.	2-25-52	13549	9/25/52
	1	REDRAWN - NO CHANGE	1/13/53	1	9/25/52
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 OTHERS	DEC. DIM. ±	FRAC. DIM. ±	ANGULAR DIM. ±		

# STANDARD DRAWING

CE 103 C

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

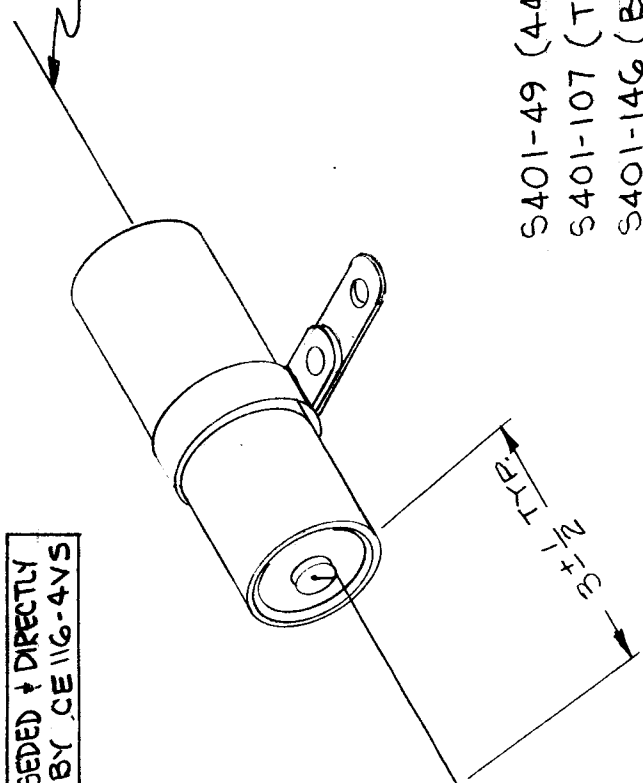
MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

REQ. PER UNIT	USED ON
MODEL	PROJECT NO.
ASSY. NO.	DATE

TMC-NO.	SAP. MPD.	SIZE
CE 103-1	4	5/8 X 1 1/4 MAX
-2	8	5/8 X 1 19/32 MAX
-3	12	3/4 X 1 25/32 MAX
-A	16	13/16 X 1 3/4 ± 3/16
-5	20	13/16 X 1 3/4 ± 3/16
-6	30	15/16 ± 3/16 X 1 7/8 MAX
-7	40	15/16 ± 3/16 X 2 1/4 MAX.
-8	50	1 X 2 1/4 MAX.
-9	60	1 X 2 3/4 MAX.

SUPERSEDED & DIRECTLY REPLACED BY CE 116-4VS

#18-#20 AWG TYP.



TEMP. RANGE -20°C TO +85°C  
CASE - ALUMINUM  
SLEEVE - CARDBOARD  
MTG. STRAP - ALUMINUM OR STEEL  
LEADS - TINNED COPPER  
CAPACITANCE TOL. +100% -10%  
DISSIPATION FACTOR (120 CPS @ 25°C) -15 TO 25%

S401-49 (44D101--C1)  
S401-107 (TC )  
S401-146 (BR-250S)

REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
		THE TECHNICAL MATERIEL CORP.	
		MAMARONECK, NEW YORK	
		CAPACITOR, ELECTROLYTIC	
		250 V. D.C.	
		500.5-24-55	HHT
		DRAWN	ELEC. DES. APP.
			MECH. DES. APP.
			G.T.O
		CHECKED	FINAL APPROVAL
			CE 103 C

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

ADD FOR STEEL TO STRAP -2 WAS 5/8 X 1 1/4. ADD MAX TO 1-3/16.	1742	RME	JCB JC
SUPERSEDED NOTE	13960	JCB	JCB
ADDED TO CE 103-5	10535	JCB	JCB
UPDATED & CLARIFIED	10535	JCB	JCB

ISSUE ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS CHECKER	ENG. APP.
TOLERANCES					
SCALE					
DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.					

DEC. DIM. ±	1/8"
FRAC. DIM. ±	
ANGULAR DIM. ±	

# STANDARD DRAWING

CE 106 B

REQ. PART UNIT	MODEL	USED ON ASPT. NO.	DATE
6	C M O		4-19-60
	C L L		4-19-60

## SPECIFICATIONS

CAPACITANCE : 6.8  $\mu$ f  
TOL :  $\pm 20\%$

VOLTS, DC : 6

SURGE VOLTS, DC : 8

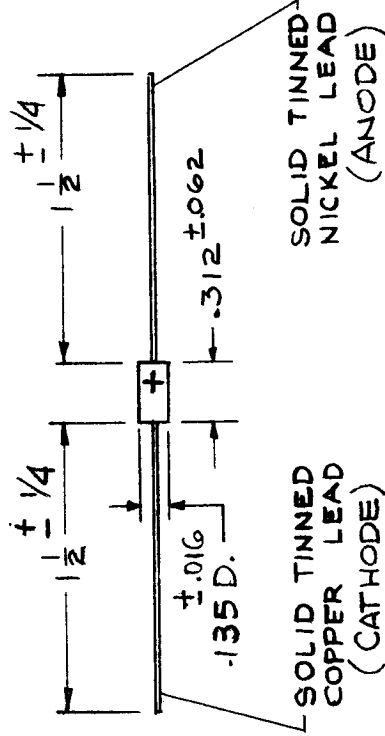
STYLE : PLASTIC FILM, INSULATING SLEEVE OVER HERMETICALLY SEALED METAL CASE.

DISSIPATION FACTOR : 6% MAX. AT +25°C  
OPERATING TEMP. RANGE : -80°C TO +85°C.  
TO +125°C WITH VOLTAGE DERATING.  
LEAKAGE CURRENT : 1.0  $\mu$ AMP. MAX. AT +25°C.  
8.2  $\mu$ AMP. MAX. AT +85°C.  
10.2  $\mu$ AMP. MAX. AT +125°C.

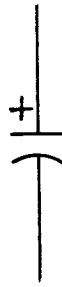
LIFE TEST : 2,000 HOURS AT +85°C.

LEADS : 3 POUND PULL IN ANY DIRECTION.

MARKING : MUST HAVE POLARITY MARKING AS SHOWN.



## SCHEMATIC



REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
		THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
		CAPACITOR, SOLID	
		ELECTROLYTE TANTALUM	
		W	JWB
		DRAWN	CHECKED
		O.R.F.	CE 106 B
		ELEC. DES. APP. MECH. DES. APP.	

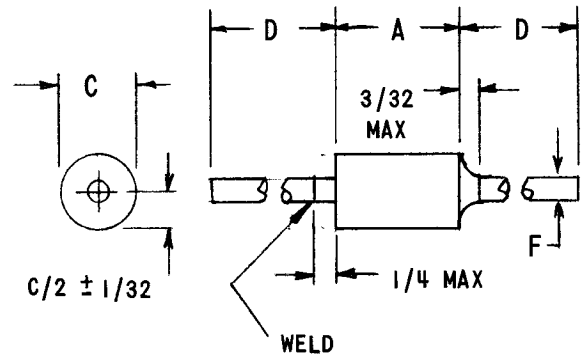
S401-421(SD685MGA2) FOR  
S401-49(150D685X000GA2) PURCHASING  
S401-81(MCS14BG85M) ONLY

ADD. TO SPECS, ADD. SCHEM. 135D WAS 140D, DELE. REF.	224-66	15756	HLLA	908	JWB
STYLE NOTE ADDED	10.	5684	SL	61	61
"TYPE" DELETED					
REF ADDED					
SCALE DELETED(S-401-49(150D))					
CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
TOLERANCES	SCALE:				
DEC. DIM. $\pm$	MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION.				
FRAC. DIM. $\pm$ 1/64	REMOVE ALL BURRS AND SHARP EDGES				
ANGULAR DIM. $\pm$					

APPLICATION			REVISIONS						
QTY	MODEL USED ON	ASS'Y NO.	LTR	DESCRIPTION	DATE	E.M.N.NO	DRAFT	CHKD	APPD
	HFSR-4		X	EXPERIMENTAL RELEASE	4/24/68			C.V.	
			Ø	ORIG. RELEASE FOR PROD.	10/25/68	Ø		R.G.	J. [Signature]

TMC PART NUMBER:	CE120-1
MFGR PART NUMBER:	RLM47EFI
DC VOLTAGE @125°C:	7
MICROFARAD:	47
CASE: SEE CHART	L1
ESR (OHMS):	1.7
IMPEDANCE (OHMS)@55°C:	100
DC LEAKAGE (u AMPS):	+ 25°C .1 +125°C .4
%CAPACITANCE CHANGE:	- 55°C -36 + 85°C +14 +125°C +16

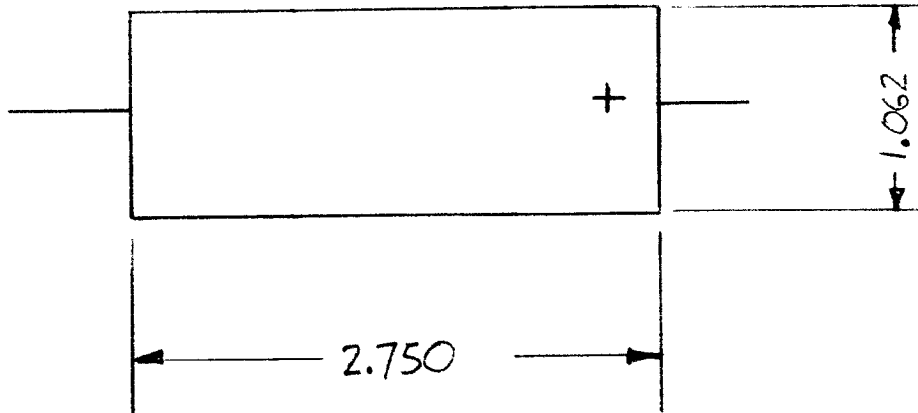
CASE SIZE	A	C	D	F	WEIGHT
	±1/64	±1/64	±1/4	+0.005 -0.001	
L1	35/64	13/64	1-1/2	0.025	1.5 Gm
L2	47/64	19/64	2-1/4	0.025	4 Gm
L3	55/64	25/64	2-1/4	0.025	8.75Gm
L4	1-11/32	25/64	2-1/4	0.025	10.75Gm
L5	1	25/64	2-1/4	0.025	10.2 Gm



NOTE: ALL DIMENSIONS SHOWN INCLUDE A PLASTIC INSULATING SLEEVE.

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES	REQ'D	ITEM	PART NUMBER	DESCRIPTION	SYM.
DECIMALS .X ± .05 .XX ± .01 .XXX ± .005	HOGAN		LIST OF MATERIAL		
FRACTIONS 1/64 ANGLES 0° -30'	FINAL APPROVAL		DATE	THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
MATERIAL	MECH. DES.		DATE	CAPACITOR, TANTALUM, WET	
FINISH	ELECT. DES.		DATE		
S401-469	CHECKED [Signature]		DATE 10/22/68		
	DRAWN [Signature]		DATE 4/18/68		
NOTICE TO PERSONS RECEIVING THIS DRAWING THE TECHNICAL MATERIEL CORPORATION claims proprietary right in the material disclosed hereon. This drawing is issued in confidence for engineering information only and may not be reproduced or used to manufacture anything shown hereon without permission from THE TECHNICAL MATERIEL CORPORATION to the user. This drawing is loaned for mutual assistance and is subject to recall at any time.				SIZE A	CODE IDENT. NO. 82679
				DWG NO. CE 120	ISSUE Ø
SCALE				SHEET	OF

APPLICATION				REVISIONS						
QTY	MODEL USED ON	ASS'Y NO.	LTR	DESCRIPTION	DATE	E.M.N.NO	DRAFT	CHKD	APPD	
1	TU-2B		Ø	ORIGINAL RELEASE	11-6-79	#	MAC			



200 uf  
250WVDC - 300VDC (SURGE)

SPRAUGE N# 39D207F250JPA

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

DECIMALS	FRACTIONS
.X ± .05	1/64
.XX ± .01	ANGLES
.XXX ± .005	0° - 30°

REQ'D	ITEM	PART NUMBER	DESCRIPTION	SYM.
LIST OF MATERIAL				
FINAL APPROVAL <i>[Signature]</i>			DATE	
MECH. DES.			DATE	
ELECT. DES.			DATE	
CHECKED <i>[Signature]</i>			DATE	
DRAWN <i>RU</i>			DATE 11-6-79	
<b>THE TECHNICAL MATERIEL CORP.</b> MAMARONECK, NEW YORK  CAPACITOR, FIXED ELECTROLITIC				

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SIZE <b>A</b>	CODE IDENT. NO. <b>82679</b>	DWG NO <b>CE134</b>	ISSUE Ø
SCALE		SHEET	OF

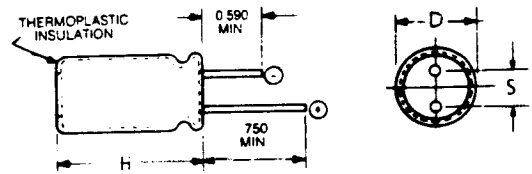
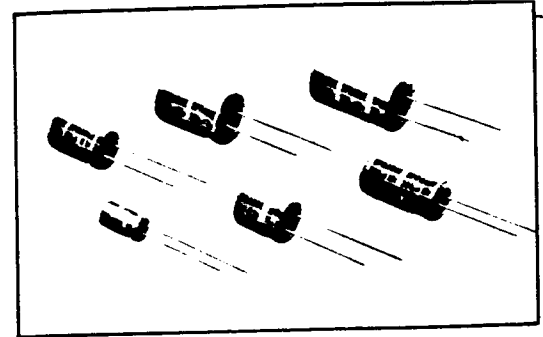
APPLICATION			REVISIONS						
QTY	MODEL USED ON	ASS'Y NO.	LTR	DESCRIPTION	DATE	E.M.N.NO	DRAFT	CHKD	APPD

STANDARD

# MINIATURE ELECTROLYTICS

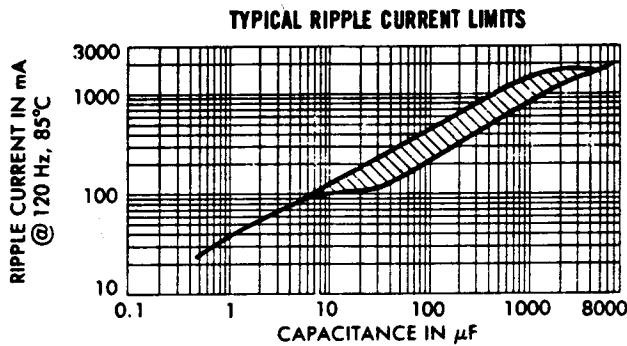
## PERFORMANCE CHARACTERISTICS

- Operating Temperature Range:** -40°C to +85°C.
- Capacitance Tolerance:** ±20%; \* (Starred Units) -10, +50%.
- Dissipation Factor:** Maximum @ 120 Hz, +25°C for 6.3 WVDC, 24%; \* (Starred Units) 6.3 WVDC, 22%; 10 WVDC, 20%; 16 WVDC, 17%; 25 WVDC, 15%; 35 WVDC, 13%; \* (Starred Units) 35 WVDC, 12%; 50 and 63 WVDC, 10%.
- Leakage Current:** Maximum is the greater of 4 μA or \* (Starred Units) 3 μA or the value calculated from the formula  $I = 0.03 CV$ . Where I is leakage current in μA, V is rated voltage in volts, and C is rated capacitance in μF.
- Life Test:** (At +85°C) Rated voltage shall be applied for 1000 hours. After test, capacitance shall not have changed by more than ±20% from original value. Leakage current shall not exceed initial requirement. Dissipation factor shall not exceed 150% of initial requirement. \* (Starred Units) After test, capacitance for units rated up to 16 WVDC shall not have changed by more than -25 +15% from original value; for units rated at 25 WVDC and above, ±15%. The product of ESR in ohms and capacitance in microfarads shall not exceed 150% of initial requirement. Leakage current shall not exceed initial requirement.
- Reverse Voltage:** Up to 1.0 volts may be applied without significant change in performance characteristics.



DIMENSIONS (in inches)\*

Size Code	D	H	S	Lead Diam.
MB	0.315	0.492	0.138	0.024
ML	0.315	0.453	0.137	0.024



UPDATE  
 CE135-150-16  
 CE135-1  
 150 MF  
 16 VOLTS

μF	Size Code	Catalog Number
150	ML	503D157M016ML
220	NB	503D227M016NB

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES		REQ'D	ITEM	PART NUMBER	DESCRIPTION	SYM.				
<b>LIST OF MATERIAL</b>										
<table border="1"> <tr> <td>DECIMALS .X ± .05 .XX ± .01 .XXX ± .005</td> <td>FRACTIONS 1/64 ANGLES 0°-30'</td> <td>TOLS.</td> <td></td> </tr> </table>				DECIMALS .X ± .05 .XX ± .01 .XXX ± .005	FRACTIONS 1/64 ANGLES 0°-30'	TOLS.		FINAL APPROVAL	DATE	<b>THE TECHNICAL MATERIEL CORP.</b> MAMARONECK, NEW YORK  CAPACITOR ELECTROLYTICS.
DECIMALS .X ± .05 .XX ± .01 .XXX ± .005	FRACTIONS 1/64 ANGLES 0°-30'	TOLS.								
MATERIAL		MECH. DES.	DATE							
FINISH		ELECT. DES.	DATE							
		CHECKED	DATE							
		DRAWN	DATE 2-20-90							
NOTICE TO PERSONS RECEIVING THIS DRAWING THE TECHNICAL MATERIEL CORPORATION claims proprietary right in the material disclosed hereon. This drawing is issued in confidence for engineering information only and may not be reproduced or used to manufacture anything shown hereon without permission from THE TECHNICAL MATERIEL CORPORATION to the user. This drawing is loaned for mutual assistance and is subject to recall at any time.					SIZE A	CODE IDENT. NO. 82679	DWG NO. CE135-	ISSUE		
SCALE				SHEET		OF				



# STANDARD DRAWING

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

CE10001 B

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

USED ON

PROJECT NO. \_\_\_\_\_ ASS'Y. NO. \_\_\_\_\_ DATE **MAY 24 1962**

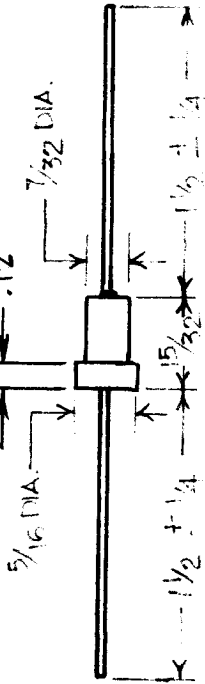
MODEL \_\_\_\_\_

PROJECT NO. \_\_\_\_\_

DATE

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TMC NUMBER	MAN. NUMBER	TOLERANCE	CAPACITY M.F.C. AT 120 cps, 25°C	WORKING VOLTAGE D-C	MAXIMUM PEAK VOLTAGE	MAXIMUM D-C LEAKAGE (Microamperes) at 25°C
CE10001-2	132 D 306 C 2006 UO	- 15 % + 20 %	30	6	7	1.0



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OBSOLETE

**THE TECHNICAL MATERIEL CORPORATION**  
MAMARONECK, NEW YORK

Property of:

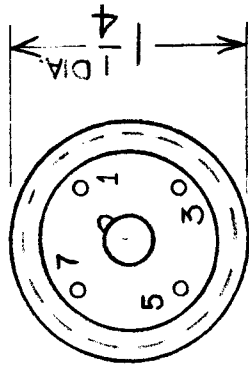
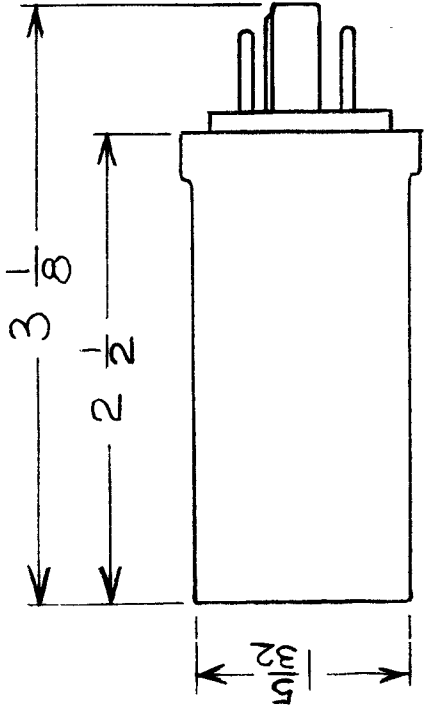
B	ADD OBSOLETE NOTE	12-7-66	RME	RQC	RMC	RQC	RMC
A	ADD. TOL. COL.; CHGDP. MAN. NO.; & UPDATED	3-28-66	HLA	RQC	RMC	RQC	RMC
ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.
TOLERANCES DEC. DIM. ± .010 FRAC. DIM. ± 1/64 ANGULAR DIM. ±							
DIMENSIONS IN INCHES UNLESS OTHERWISE SPECIFIED DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.							
SCALE <b>S401-49</b>							

REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
STOCK SIZE				
MATERIAL				
WEIGHT PER PC.				
TYPE & TEMPER.				
HEAT TREAT. SPEC.				
FINISH & SPEC. NO.				
DRAWN <b>JPC</b> CHECKED <b>J.P.C.</b> ELEC. DES. APP. <b>JPC</b> MECH. DES. APP.				
FINAL APPROVAL				
<b>TMC (Canada) LIMITED</b> OTTAWA ONTARIO <b>CAPACITOR, ELECTROLYTIC</b>				
<b>CE10001 B</b>				



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PIN	POLARITY	MFD	DCWV
1	NEG.	—	—
3	POS.	20	150
5	POS.	20	150

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Property of:

THE TECHNICAL MATERIEL CORPORATION  
MAMARONECK, NEW YORK

ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.
ALL OTHERS							
TOLERANCES							
DEC. DIM. ±							
FRAC. DIM. ±							
ANGULAR DIM. ±							
SCALE S-401-93 (AEP 44D)							
DIMENSIONS IN INCHES							
UNLESS OTHERWISE SPECIFIED							
DRILL, PUNCH, COMMERCIAL STOCK							
SIZES AND MANUFACTURERS							
TOLERANCES ARE NOT INCLUDED.							

CE-10002

USED ON

PROJECT NO.

ASS'Y. NO.

DATE

Nov. 19/62

REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
		TMC (Canada) LIMITED OTTAWA ONTARIO	
		CAPACITOR	
		J.P.C.	
		DRAWN	ELEC. DES. APP.
		CHECKED	MECH. DES. APP.
			FINAL APPROVAL
			CE-10002

CE-10003

# STANDARD DRAWING

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

USED ON

MODEL

PROJECT NO.

ASS'Y. NO.

DATE

FEB 24/60

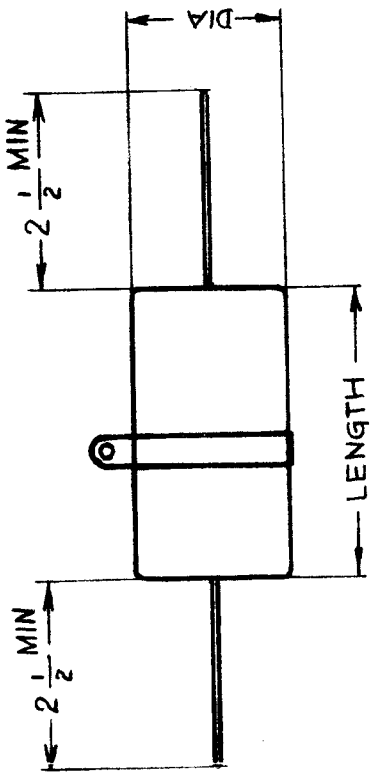
TMC PART NO.	MFR NO.	CAP $\mu$ F	DC WKG VOLTS	SIZE DIA x LENGTH
CE - 10003 - 1	TC 26	25	25	9/16 x 1 1/4
CE - 10003 - 2	TC 39	50	50	13/16 x 1 1/4

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Property of:  
**THE TECHNICAL MATERIEL CORPORATION**  
 MAMARONECK, NEW YORK

P. R. MALLORY & CO. INC.

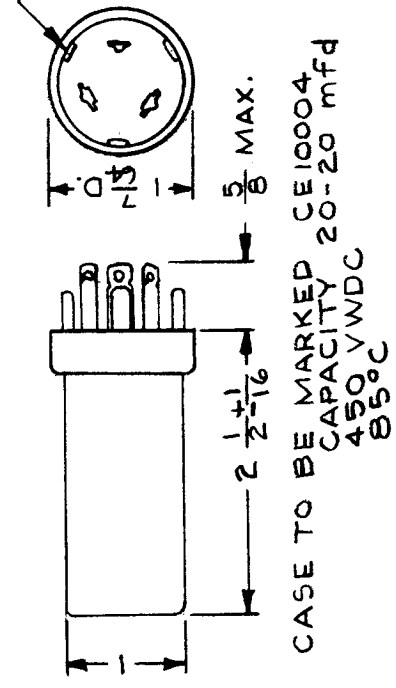
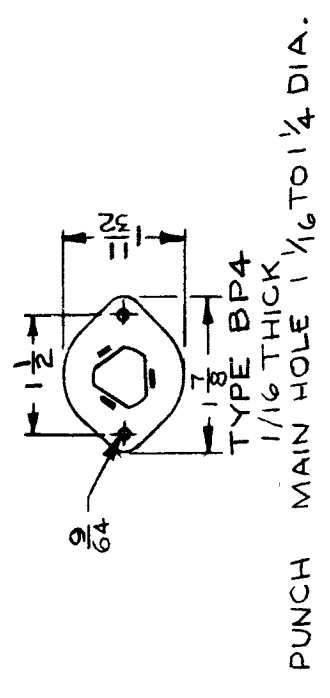


REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
		TMC (Canada) LIMITED OTTAWA	
		CAPACITOR	
		FIXED, ELECTROLYTIC	
		MK	
		DRAWN	
		JPC	
		CHECKED	
		HEAT TREAT. SPEC.	
		FINISH & SPEC. NO.	
			CE-10003

ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.
TOLERANCES							
SCALE							
DIMENSIONS IN INCHES							
UNLESS OTHERWISE SPECIFIED							
DRILL, PUNCH, COMMERCIAL STOCK							
SIZES AND MANUFACTURERS							
TOLERANCES ARE NOT INCLUDED.							
ALL	DEC. DIM. $\pm$						
OTHERS	FRACTIONAL DIM. $\pm$						
	ANGULAR DIM. $\pm$						

ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.	REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
A		REDRAWN	MAY 10/66		GM							

CE 10004-1 MFG. PART NO. FP 234 C/W BP4 MOUNTING PLATE  
 CE 10004-2 MFG PART NO. FP 234 NO MOUNTING PLATE REQ'D.



S 401-107

AMC-20	020/65	A10376	18-10-65	TMC (Canada) LIMITED OTTAWA	
MODEL	PROJECT NO.	ASSY. NO.	DATE	CAPACITOR, ELECTROLYTIC	
USED ON				DUAL 20 mF 450 VWDC	
MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES				H.U.S.	
IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.				DRAWN	
SCALE NTS				ELEC. DES. APP.	
DIMENSIONS IN INCHES UNLESS OTHERWISE SPECIFIED				MECH. DES. APP.	
DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.				CHECKED	
DEC. DIM. ±				FINAL APPROVAL	
FRAC. DIM. ± 1/64				CE10004	
ANGULAR DIM. ±				A	

ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.	REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
A		REDRAWN	MAY 10/66		GM							
<p>CE10005-1 C/W MOUNTING CLAMP MFG. PART NO. 61QE3146 MB</p> <p>CE10005-2 NO CLAMP REQ'D. MFG. PART NO. 61QE3146 M</p>												
<p>CASE TO BE MARKED CE10005  CAPACITY 2400 mfd  35VDCW - 50VDC SURGE  65°C  MYLAR INSULATING SLEEVE</p>												
<p>AMC 2.0    020/65    A10376    18-10-65</p> <p>MODE-    PROJECT NO.    ASSY. NO.    DATE</p>												
<p>USED ON</p> <p>5401-93    QE61 STANDARD RATING</p>												
<p>STOCK SIZE</p>												
<p>MATERIAL</p>												
<p>WEIGHT PER PC.</p>												
<p>TYPE &amp; TEMPER</p>												
<p>H.EAT TREAT. SPEC.</p>												
<p>FINISH &amp; SPEC. NO.</p>												
<p>IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.</p>												
<p>SCALE NTS</p>												
<p>DIMENSIONS IN INCHES UNLESS OTHERWISE SPECIFIED</p>												
<p>DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.</p>												
<p>MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION REMOVE ALL BURRS AND SHARP EDGES</p>												
<p>TOLERANCES</p>												
<p>DEC. DIM. ±</p>												
<p>FRAC. DIM. ± 1/64</p>												
<p>ANGULAR DIM. ±</p>												
<p>ALL OTHERS</p>												
<p>ELEC. DES. APP.    MECH. DES. APP.</p>												
<p>DRAWN    CHECKED</p>												
<p>FINAL APPROVAL</p>												
<p>H.U.S.    2400 mf 35V</p>												
<p>TMC (Canada) LIMITED    OTTAWA    ONTARIO</p>												
<p>CAPACITOR, ELECTROLYTIC</p>												
<p>CE10005-A</p>												

CE 10008

ISSUE	ITEM	CHANGED FROM	DATE	CM. NO.	DRAFTS	CHECKER	ENG. APP.	REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
Ø		REL TO PROD	JAN 6/69		AP	[Signature]	[Signature]				MOUNTING CLAMP MFG P/No: VR3	
A		REV AS PER CEMIN 20/4/73	1242	EC	[Signature]	[Signature]	50W				C/W CLAMPING SCREW	
<p>CE 10008-1 CAPACITOR WITH MOUNTING CLAMP</p> <p>CE 10008-2 CAPACITOR WITHOUT MOUNTING CLAMP</p>												
<p>NOTE:-            1. CASE TO BE MARKED CE 10008            2. CAPACITY 2200 mfd -10% + 75%            3. 40VDCW -            4. TEMPERATURE RANGE -20°C - +65°C            5. MYLAR INSULATING SLEEVE</p>												
<p><b>STANDARD DRAWING</b> MFGR NO. S401-107</p>												
MODEL			PROJECT NO.			ASSY. NO.			DATE			
						3 JAN 69						
<p>USED ON</p>												
<p>MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES</p>						<p>IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.</p>						
<p>TOLERANCES</p>												
<p>DEC. DIM. 1 .X = .05</p>												
<p>FRAC. DIM. ± 1/64 .XX = .01</p>												
<p>ANGULAR DIM. ± 0° 30' .XXX = .008</p>												
<p>SCALE DIMENSIONS IN INCHES UNLESS OTHERWISE SPECIFIED</p>												
<p>DRILL: PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.</p>												
TMC (Canada) LIMITED OTTAWA			CAPACITOR, ELECTROLYTIC			2200 mfd 40VDC			AP			
DRAWN			CHECKED			ELEC. DES. APP.			MECH. DES. APP.			
SMPSON			[Signature]			[Signature]			[Signature]			
FINAL APPROVAL			CE 10008			A						

ISSUE	ITEM	CHANGED FROM	DATE	CM. NO.	DRAFTS	CHECKER	ENG. APP.	REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
Ø		ENG RELEASE	3 MAY 72		LD	LB	<i>[Signature]</i>					
			PHILIPS			WORKING			CAPACITANCE			
			PART NO.			VOLTAGE			µF			
CE 10018-1			C431CR/H2200			63			2200			
USED ON												
AMC 2.3	MODEL	PROJECT NO.	A11016	ASSY. NO.	3 MAY 72	DATE	TMC (Canada) LIMITED OTTAWA ONTARIO					
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.			CAPACITOR, ELECTROLYTIC						
TOLERANCES			SCALE			MATERIAL						
DEC DIM ± .05			DIMENSIONS IN INCHES			TYPE & TEMPER						
FRAC DIM ± 1/64			UNLESS OTHERWISE SPECIFIED			HEAT TREAT SPEC						
ANGULAR DIM ± 0° 30'			DRILL: PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.			FINISH & SPEC. NO.						
ALL OTHERS			.XX ± .01			DRAWN						
			.XXX ± .008			L. DURRANT						
						ELEC DES. APP.						
						MECH. DES. APP.						
						CHECKED						
						FINAL APPROVAL						
						CE 10018						