

CHART 1 (CAPACITANCE)

CAP (PF)	"L" MAX. 500 W.V	"W" MAX. 500 W.V	T MAX. 500 W.V	CHAR. 4 CAP. TOL AVAIL	CHAR. 2 CHARAT. AVAIL	"A" MAX
1	.450	.360	.170	D	C	.225
2				D		
3				D		
5				D		
6				D		
7				D		
8				D		
10				D		
12				J		
15				J		
18				J	C	
20				J	E	
22				J		
24				J		
27				G, J		
30				G, J		
33				G, J		
36				G, J		
39				G, J		
47				G, J		
51				F, G, J		
56			.170			
68			.180			
75						
82	.450				E	
91	.460				F	
100		.360				
110		.370				
120						
130			.180			
150			.190			
160						
180		.370				
200		.380	.190			
220		.380	.200			
240	.460	.380	.200			
270	.470	.390	.210			
300		.390				
320		.390				
330		.390	.210			
360		.400	.220			
390	.470	.400	.220	E, G, J	F	.225

CHART 2

LETTER DESIGN.	TEMPERATURE COEFFICIENT	CAPACITANCE DRIFT
C	$\pm 200 P/10^6/^\circ C$	$\pm (0.5\% + 0.1 MMF)$
D		
E	$-20 TO +100 P/10^6/^\circ C$	$\pm (0.1\% + 0.1 MMF)$
F	$0 TO +70 P/10^6/^\circ C$	$\pm (0.05\% + 0.1 MMF)$

CHART 3

VOLTAGE AND CHARACTERISTIC VS. CAPACITANCE		STYLE DM 5		STYLE DM 10	
W.V. DC	CHRST.	CAP. RANGE (MMF)	W.V. DC	CHRST.	CAP. RANGE (MMF)
100	C, E	1 THRU 1200	100	D, E	1 THRU 400
	F	85 THRU 200		F	85 THRU 400
300	C, E	1 THRU 820	300	D, E	1 THRU 300
	F	85 THRU 200		F	85 THRU 300
500	C, E	1 THRU 510	500	D, E	1 THRU 250
	F	85 THRU 510		F	85 THRU 250

CHART 4

LETTER DESIGN.	CAPACITANCE TOLERANCE	LETTER DESIGN.	CAPACITANCE TOLERANCE
D	$\pm 0.5 MMF$	H	$\pm 3\%$
E	$\pm 1/2\%$	J	$\pm 5\%$
F	$\pm 1\%$	K	$\pm 10\%$
G	$\pm 2\%$	M	$\pm 20\%$

\* FOR CAPACITANCE VALUES OF 100MMF, OR LESS, THE MINIMUM STANDARD TOLERANCE IS  $\pm 0.5MMF$

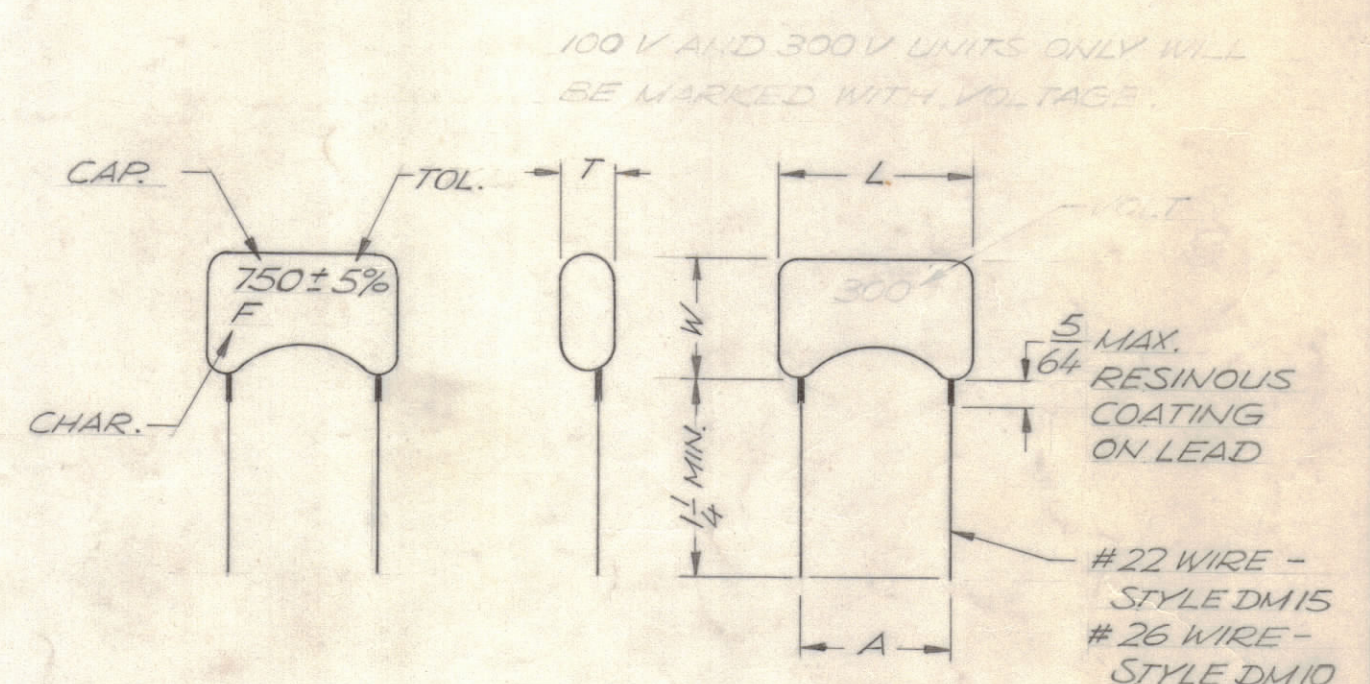
NOTES:

- ALL CAPACITORS SHALL HAVE THE FOLLOWING SPECS:
  - A. VIBRATION GRADE 3 (10 TO 2000CPS)
  - B. OPERATING TEMPERATURE RANGE "0" (-55 TO +125°C)
  - C. DIPPED MICA CONSTRUCTION
  - D. INSULATION RESISTANCE - (25°C) 50,000 OHMS MINIMUM (125°C) 3,000 OHMS MINIMUM
  - E. MOISTURE RESISTANCE -3% OR 1.0pf CAPACITOR CHANGE MAXIMUM
- ALL CAPACITORS WILL BE STAMPED WITH CAPACITY, TOLERANCE, CHARACTERISTIC, AND VOLTAGE (SEE STAMPING DETAIL), OR PER MIL SPECS.
- CAPACITORS ARE ACCEPTABLE WHEN MARKED PER MIL C5 & CONFORM WITH CM III SPECS, (ie: CM06DD102JP3)

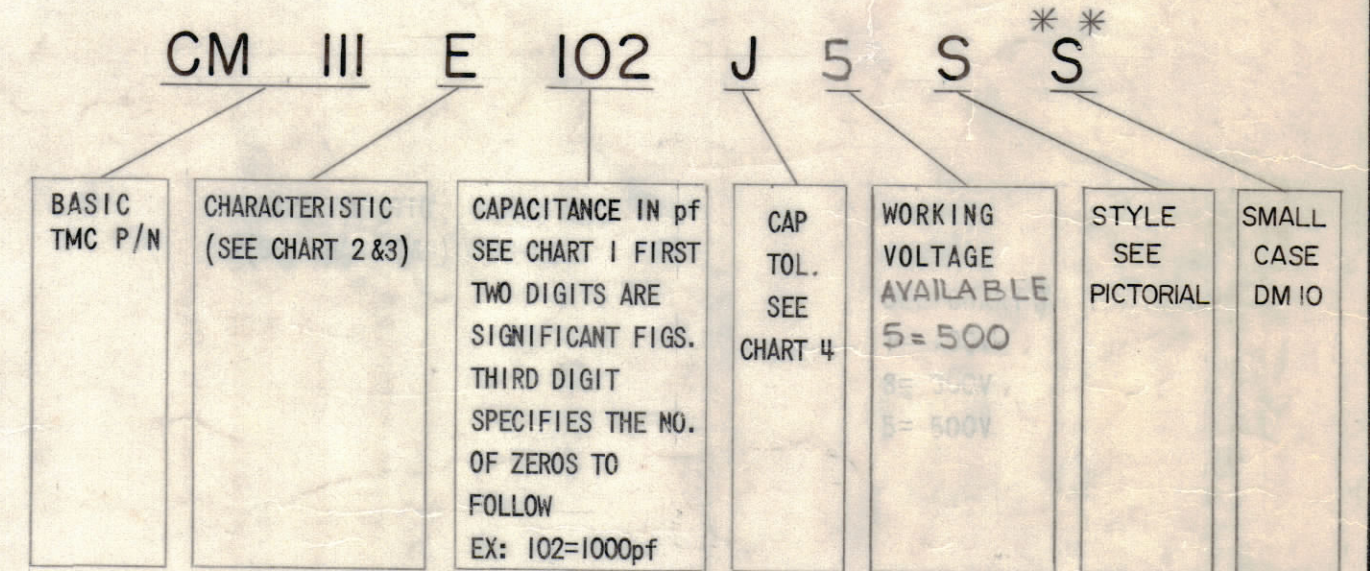
REVISIONS

E.M.N.NO	DRAFT	CHKD	ZONE	LTR	DESCRIPTION	DATE	APPROVED
19452	KH			K	COMPLETELY REVISED	6/27/69	EFM
19668	KH			L	REVISED	12/1/69	
19697	KD			M	CHNGD CHRT 1	11/7/70	
21304	GDL			N	COMPLETELY REVISED	12-15-75	GDL

STYLE "S" STRAIGHT LEADS & STAMPING DETAIL (NOTE 2)



TMC PART NO. WILL BE IN THE FOLLOWING FORM.



QTY. REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
LIST OF MATERIAL				
THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK				
CAPACITOR, FIXED, MICA DIEL.				
SIZE	CODE	IDENT NO.	DWG NO.	ISSUE
C	82679	CM III		N
SCALE		SHEET		OF

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES		FINAL APPROVAL RDC	DATE 3-30-64
TOLERANCES ON		MECH. DES.	DATE
DECIMALS .X $\pm$ .05 .XX $\pm$ .01 .XXX $\pm$ .005	FRACTIONS $\pm 1/64$ ANGLES $\pm 0^\circ - 30'$	ELECT. DES.	DATE
MATERIAL		CHECKED C	DATE 3/30/64
FINISH		DRAWN AM/K. J. J.	DATE 6/27/69

QTY / UNIT	MODEL USED ON	ASS'Y NO.
APPLICATION		
CODE	A 5401 - 280	
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