

CHART 1 (CAPACITANCE)

CAP. pf	L MAX 500WV	W MAX 500WV	T MAX 500WV	CAP TOL AVAIL	A' MAX	CHARAC AVAIL
560	.650	.510	.200	F,G,J	.350	F
620			.200			
680			.200			
750			.200			
820			.200			
910	.50	.510	.200			
1000		.520	.220			
1100	.650		.220			
1200	.660		.220			
1300			.220			
1500		.520	.230			
1600	.660	.530	.230			
1800	.670		.240			
2000			.240			
2200		.530	.250			
2400	.670	.540	.260			
2700	.680	.540	.270			
3000		.550	.280			
3300		.550	.290			
3600	.680	.560	.300			
3900	.690	.560	.310			
4300	.690	.570	.330			
4700	.700	.580	.350			
5100	.780	.860	.280		.350	
5600	.780	.870	.290		.425	
6200	.780	.870	.290			
6800	.780	.870	.300			
7500	.790	.880	.310			
8200	.790	.880	.320		.425	
10000	.820	.630	.450		.7/16	
430	.640	.510	.200		.350	
470	.640	.510	.200		.350	
510	.650	.510	.200		.350	
9100	.790	.880	.330		.425	
11000	.800	.890	.350			
12000	.800	.890	.360			
13000	.810	.890	.370			
15000	.810	.900	.390			
16000	.820	.900	.410			
18000	.820	.910	.430			
20000	.830	.920	.450	F,G,J	.425	F

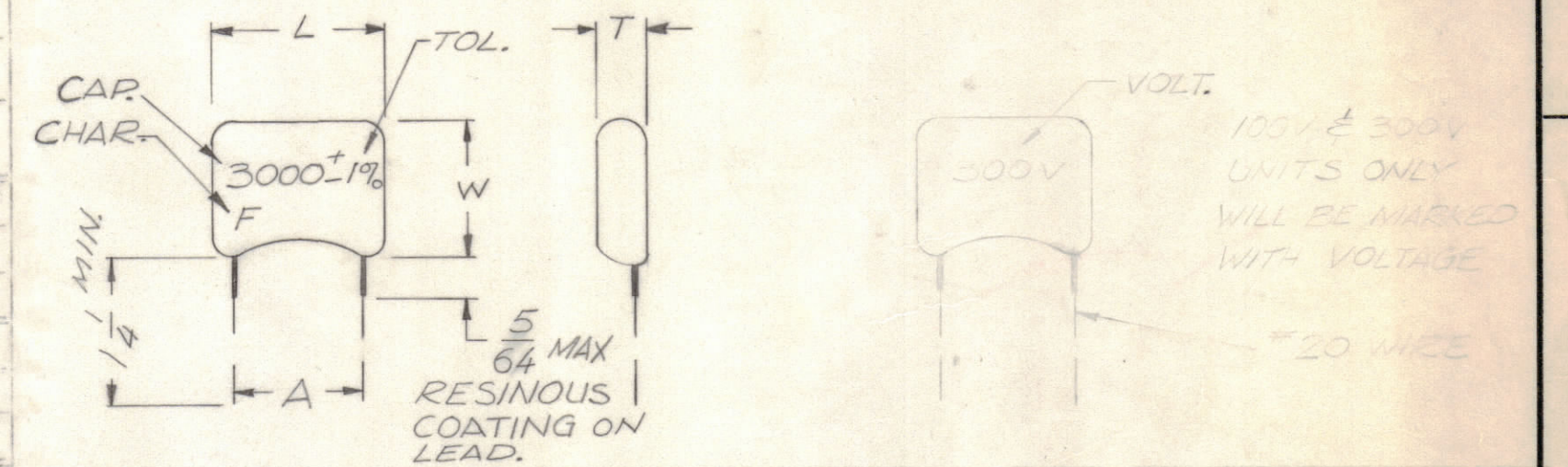
CHART 2 (CHARACTERISTICS)

LETTER DES.	TEMPERATURE COEFFICIENT	CAP DRIFT
C		
D		
E		
F	0 TO +70 P/10%/°C	±0.05% ±0.1MMF

REVISIONS

E.M.N.O	DRAFT	CHKD	ZONE	LTR	DESCRIPTION	DATE	APPROVED
	GE	W		H	COMPLETELY REVISED	6-27-69	EFH
20214	RR	W		J	ADD. 560-1000 TO CHART 1	1-26-71	P.E.A.
21304	GDL	CL		K	COMPLETELY REVISED	12-17-75	G.D.L.

STYLE "S" STRAIGHT LEADS & STAMPING DETAILS



NOTES:

- ALL CAPACITORS SHALL MEET SPECS. OF MIL-C-5\* AND AMEND, AND MIL-C-5\*/18
- ALL CAPACITORS SHALL HAVE THE FOLLOWING SPECS:
  - VIBRATION GRADE 3 (10 TO 2000CPS)
  - OPERATING TEMPERATURE RANGE "0" (-55 TO +125°C)
  - DIPPED MICA CONSTRUCTION
  - INSULATION RESISTANCE - (25°C) 50,000 OHMS MINIMUM (125°C) 1,500 OHMS MINIMUM
  - 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, AND CONFORM WITH CMI12 SPECS (ie. CM07DD102JP3)

TMC PART NUMBER SHALL APPEAR IN THE FOLLOWING FORM:

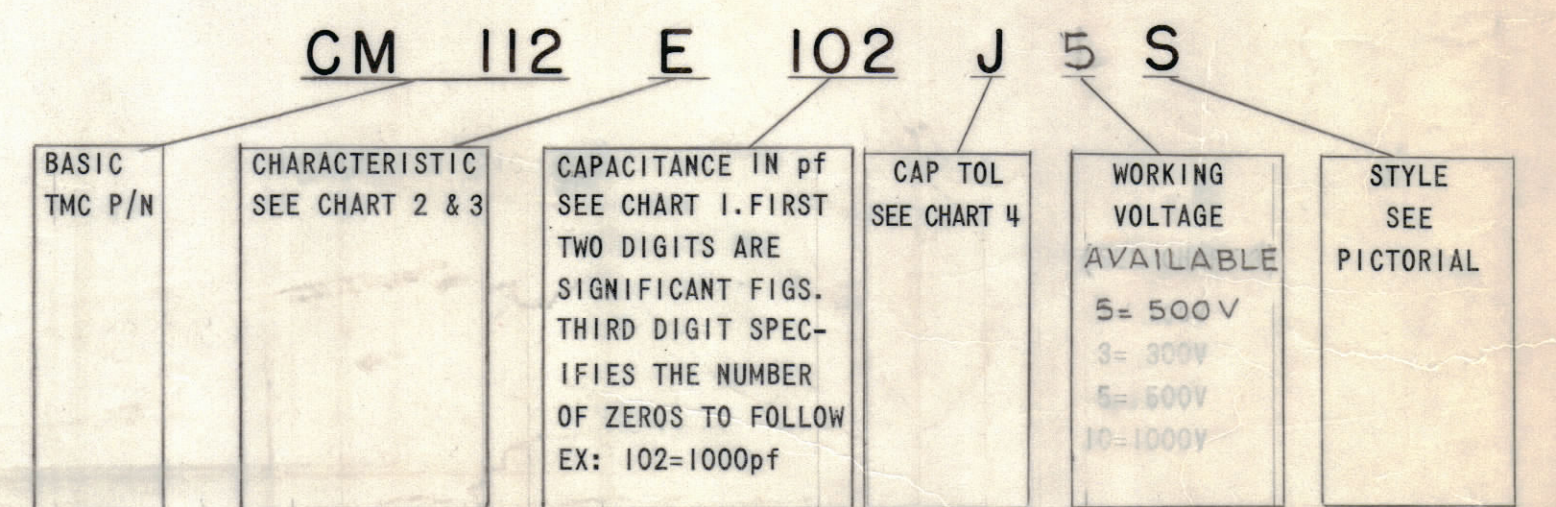


CHART 4 (CAPACITANCE TOLERANCE)

LETTER DES.	CAPACITANCE TOL.*	LETTER DES.	CAPACITANCE TOL.*
D	±0.5MMF	H	±3%
E	±1/2%	J	±5%
F	±1%	K	±10%
G	±2%	M	±20%

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

QTY / UNIT	MODEL USED ON	ASS'Y NO.
APPLICATION		
CODE	8401-280	8401-34
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.		

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES	FINAL APPROVAL BP	DATE 11-14-61
TOLERANCES ON	MECH. DES. W	DATE 11-14-61
DECIMALS .X ± .05 .XX ± .01 .XXX ± .005	ELECT. DES.	DATE
FRACTIONS ± 1/64 ANGLES ± 0° -30'	CHECKED W.A.F.	DATE 11-13-61
MATERIAL	DRAWN W.S. G. EVANGELIST	DATE 6-27-69
FINISH		

QTY. REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
LIST OF MATERIAL				
THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK				
CAPACITOR, FIXED, MICA DIELECTRIC				
SIZE	CODE	IDENT NO.	DWG NO.	ISSUE
C	82679		CMT12	K
SCALE ~				SHEET / OF /