

REVISIONS					DATE	APPROVED
E.M.N.NO	DRAFT	CHKD	ZONE	LTR	DESCRIPTION	
19395	GE			C	REVISED COMPLETELY	5.1.69
CLERICAL	CV			D	05-50V ADDED TO VOLTAGE CHART	6/10/69

CAP. IN MFDS.	50 WVDC (To 125°C)			100 & 200 VOLTS			400 VOLTS			600 VOLTS		
	T	W	L	T	W	L	T	W	L	T	W	L
.01	(For Capacitance values smaller than .027 mfd use 100 volt parts)			125	187	7/16	140	265	1 1/16	187	296	1 1/16
.012				140	203	7/16	156	281	1 1/16	203	328	1 1/16
.015				140	218	7/16	171	296	1 1/16	218	343	1 1/16
.018				156	234	7/16	187	312	1 1/16	234	406	1 1/16
.022				171	250	7/16	203	312	1 1/16	250	453	1 1/16
.027	093	187	7/16	187	250	7/16	234	343	1 1/16	265	468	1 1/16
.033	109	187	7/16	187	265	7/16	250	375	1 1/16	296	500	1 1/16
.039	125	203	7/16	140	250	9/16	218	296	1 5/16	218	406	1 5/16
.047	140	218	7/16	156	265	9/16	218	328	1 5/16	234	437	1 5/16
.056	156	234	7/16	171	281	9/16	234	375	1 5/16	281	484	1 5/16
.068	156	250	7/16	187	296	9/16	234	421	1 5/16	312	531	1 5/16
.082	140	265	9/16	203	312	9/16	265	453	1 5/16	343	562	1 5/16
.1	156	265	9/16	218	328	9/16	296	484	1 5/16	375	593	1 5/16
.12	171	296	9/16	250	359	9/16	312	531	1 5/16	312	562	1 1/2
.15	187	312	9/16	265	390	9/16	343	562	1 5/16	343	609	1 1/2
.18	203	328	9/16	218	343	1 1/16	281	531	1 1/4	406	656	1 1/4
.22	140	265	1 1/16	234	375	1 1/16	296	562	1 1/4	453	703	1 1/4
.27	156	281	1 1/16	265	421	1 1/16	343	546	1 1/2	484	781	1 1/4
.33	187	312	1 1/16	281	468	1 1/16	359	593	1 1/2	515	828	1 1/2
.39	203	328	1 1/16	312	484	1 1/16	390	671	1 1/2	515	859	1 1/2
.47	218	328	1 1/16	343	515	1 1/16	406	718	1 1/2	515	890	1 1/2
.56	250	343	1 1/16	312	484	1 5/16	406	812	1 1/2	609	968	1 1/2
.68	265	375	1 1/16	328	515	1 5/16	421	890	1 1/2	671	1031	1 1/2
.82	218	390	1 3/16	359	562	1 5/16	500	781	1 3/4	625	1093	1 3/4
1.00	234	406	1 3/16	390	578	1 5/16	515	875	1 3/4	671	1187	1 3/4
1.25	281	484	1 3/16	375	531	1 1/4	546	1000	1 3/4	781	1281	1 3/4
1.50	281	484	1 5/16	406	578	1 1/4	562	1125	1 3/4	859	1375	1 3/4
1.80	312	515	1 5/16	406	656	1 1/4	671	1125	1 3/4	968	1468	1 3/4
2.00	328	531	1 5/16	406	718	1 1/4	765	1125	1 3/4	1032	1515	1 3/4
3.00	359	562	1 1/4	453	765	1 1/2	875	1406	1 3/4			
4.00	328	656	1 1/2	500	890	1 1/2						
5.00	390	703	1 1/2	515	906	1 1/2						
8.00	437	843	1 3/4	687	1187	1 3/4						
10.00	515	921	1 3/4	750	1203	1 3/4						

SPECIFICATIONS

INSULATION RESISTANCE: GREATER THAN 30,000 MEGOHM-MICROFARADS AT 25°C, BUT THE IR NEED NOT EXCEED 30,000 MEGOHMS. GREATER THAN 3,000 MEGOHM-MICROFARADS AT 85°C, BUT THE IR NEED NOT EXCEED 3,000 MEGOHMS.

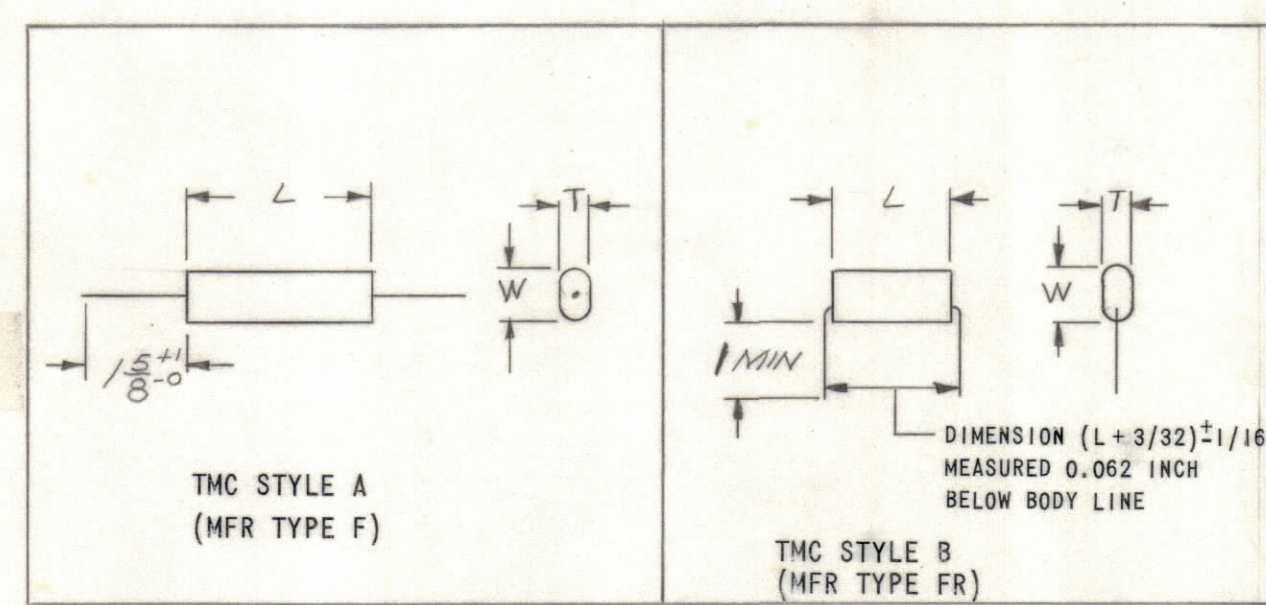
TEMPERATURE RANGE: FULL RATED VOLTAGE FROM 55°C TO +100°C, TO +125°C TO 50% DERATING

DIELECTRIC STRENGTH: TWICE RATED VOLTAGE FOR ONE MINUTE. THROUGH A LIMITING RESISTANCE OF 100 OHMS PER VOLT

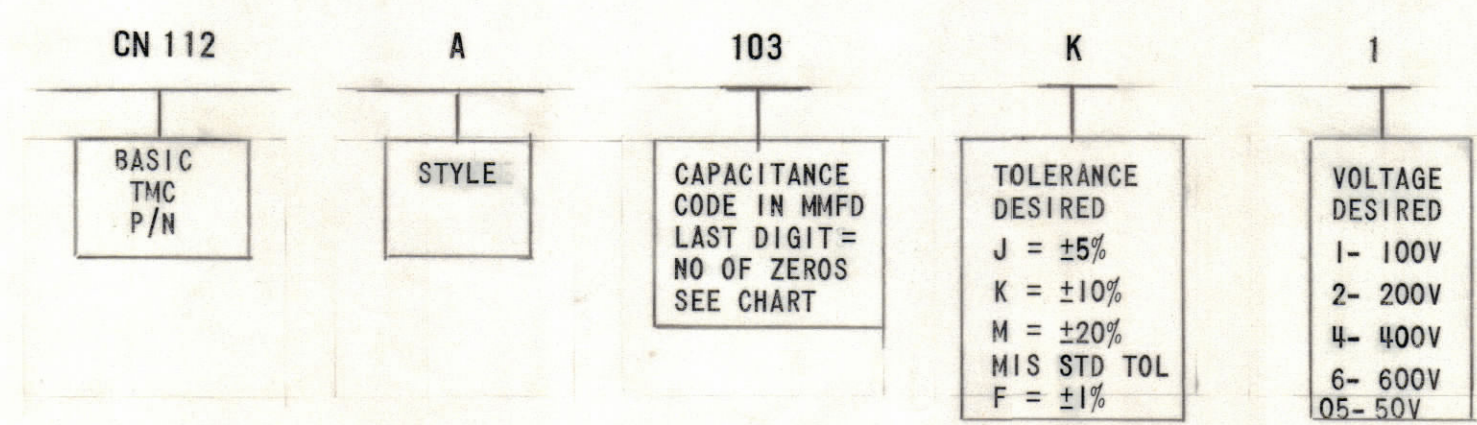
TOLERANCES: DIMENSION RANGE THICKNESS OR WIDTH TOLERANCE

.218 & UNDER	±.031
.219 TO .500	±.046
.501 & ABOVE	±.062

LENGTH TOLERANCE +3/32 -1/16



TMC PART NUMBER SHALL APPEAR IN THE FOLLOWING FORM:



PURCHASING NOTE: MFR PART NUMBER AS FOLLOWS: X663F TYPE (FOLLOWED BY CAP & VOLTAGE)

QTY. REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
LIST OF MATERIAL				
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES			THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
TOLERANCES ON DECIMALS .X ± .05 .XX ± .01 .XXX ± .005			CAPACITOR, FIXED METALLIZED MYLAR	
MATERIAL			SIZE	ISSUE
FINISH			CODE IDENT NO. 82679	DWG NO. CN 112
			SCALE	SHEET OF

QTY / UNIT	MODEL USED ON	ASS'Y NO.
APPLICATION		
CODE	S401-90 (X663)	
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