

TMC P/N	CAP pF	CAP TOL. %	MAX. RF CURRENT AT 30 MHz	TEMP. COEFF.	A* DIM	B DIM MAX	C DIM
CC116-1	3	10	1.5	NPO	.500	.125	.250
-2	25	10	4.0	NPO	1.000	.125	.375
-3	50	10	6.0	N330	1.000	.100	.375
-4	75	10	8.0	N750	1.000	.125	.375
-5	100	10	10.0	N750	1.000	.100	.375
-6	150	10	10.0	N1500	1.000	.100	.375
-7	200	10	10.0	N2200	1.000	.100	.375
-8	300	10	10.0	N3300	1.000	.100	.375
-9	400	10	10.0	N4200	1.000	.125	.375
-10	500	20	5.0	Hi-K	1.000	.360	.375
-11	1000	20	10.0	Hi-K	1.000	.180	.375

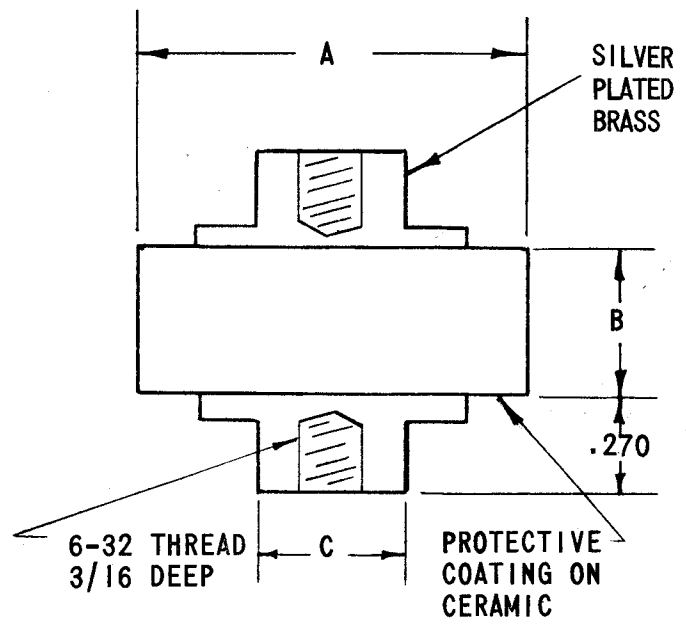
REVISIONS						
ZONE	LTR	DESCRIPTION	DATE	E.M.N.NO	DRAFT	CHKD APPD
	X	EXPERIMENTAL RELEASE	11/28/67		C.V.	<i>[Signature]</i>
	Ø	ORIG. RELEASE FOR PROD.	1-19-68	Ø	R.G.	<i>[Signature]</i>
	A	C DIM. CLARIFIED	1/21/70		<i>[Signature]</i>	<i>[Signature]</i>

**ELECTRICAL SPECIFICATIONS**

WORKING VOLTAGE: 5000 VDC  
 FLASH TEST VOLTAGE: 7500 VDC  
 MINIMUM INSULATION RESISTANCE: Hi-K 10000 MEGOHMS  
 TC 50000 MEGOHMS  
 RF CURRENT RATING IS APPROXIMATELY 30°C RISE OVER AMBIENT  
 MAXIMUM AMBIENT IS 85°C.

\* DIMENSION A IS FOR ENCAPSULATED UNITS AND IS ±.025.  
 DIMENSION A FOR UNENCAPSULATED UNITS IS .375 FOR 3pF AND .875 ±.020 FOR ALL OTHERS.

NOTE: THESE CAPACITORS ARE INTENDED TO BE SUBSTITUTES FOR CAPACITORS SIMILAR TO THOSE ON TMC DRAWING CC109. ADVANTAGE IS EXTREME FLEXIBILITY IN CAPACITANCE RANGE; i.e., 12 pF TO 2700 pF IN THIS DIAMETER



**STANDARD DRAWING**

REQ'D	ITEM	PART NUMBER	DESCRIPTION	SYM.
			F.BUDETTI LIST OF MATERIAL	
FINAL APPROVAL		DATE	THE TECHNICAL MATERIEL CORP.	
MECH. DES.		DATE	MAMARONECK, NEW YORK	
ELECT. DES.		DATE	CAPACITOR, FIXED, CERAMIC	
CHECKED		DATE		
DRAWN		DATE		
MATERIAL			SIZE	CODE IDENT. NO.
FINISH			B	82679
			DWG NO.	CC 116
			ISSUE	A
			SCALE	SHEET OF

LPA-2	QTY / UNIT	MODEL USED ON	ASS'Y NO.
APPLICATION			
CODE	S401-203		
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.			