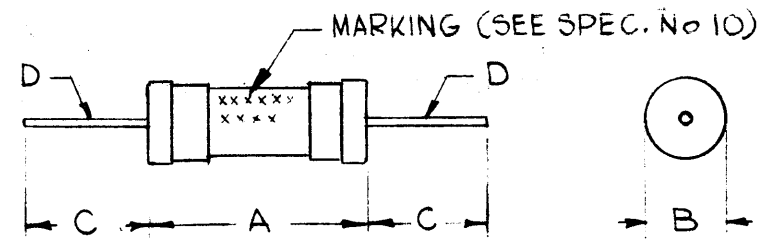


TMC PART NO.	MFRS PART NO.	CAP. MF	STYLE	CAP. TOL. ± %	WVDC @ 85 C	DIEL. STRENGTH TEST @ 5 sec (VDC)	INSUL. RES. MEGOHMS MINIMUM (SEE NOTE NO. 1)	DISSIPATION FACTOR (MAX) (SEE NOTE NO. 2)	OPER. TEMP. RANGE C	RF TYPE (NOTE 11)	Q MIN AT 1MC	DIMENSIONS			
												A± 1/16	B± 1/16	C	D
CX-109-1	GC148-004J	.001	A	5	3000	6000	20,000	0.6%	-55 to + 125	YES	1000	1-3/16	17/32	1-5/8-0" <sup>+1"</sup>	NO. 20 AWG SOLID, T.F.
CX-109-2	GC247G103K	.01	B	10	1000	2000	10,000	0.6%	-55 to + 105	YES	NR	1-3/16	17/32	3/8±1/32	
CX-109-3	GC245G105K	1.0	B	10	1000	2000	10,000	0.6%	-55 to + 105	NO	NR	2-3/4	1-1/4	3/8±1/32	
CX-109-4*	GC247-002-20	.1	B	20	1000	2000	2,000	0.6%	-55 to + 85	YES	NR	1-3/4	5/8	3/8±1/32	
CX-109-5*	GC247J104-20	.1	B	20	2000	4000	100,000	0.6%	-55 to + 85	YES	NR	2-1/4	3/4	3/8±1/32	

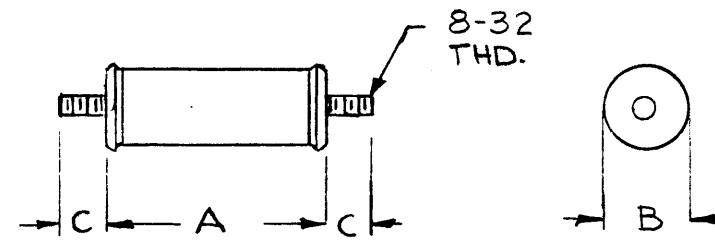
**SPECIFICATION:**

1. DIELECTRIC: PLASTIC OR PAPER
2. IMPREGNANT: OPTIONAL
3. CASE: GLASS, METALLIZED ENDS
4. END CAPS: METAL (SOLDERED TO CASE)
5. CONSTRUCTION: HERMETICALLY SEALED
6. TERMINALS: SEE PICTORIAL STYLES
7. MOISTURE RESISTANCE: MEETS MIL-C-25C
8. TEMP. & IMMERSION CYCLING: MEETS MIL-C-25C
9. VIBRATION: MEETS MIL-C-25C
10. MARKING: MFRS. NAME OR CODE; MFRS. NO.; CAPACITANCE; CAP. TOL.; WVDC; TMC PART NO. (PER CHART)
11. RF TYPE TO BE OF EXTENDED FOIL CONSTRUCTION

\*CX109-4 & -5 REPLACES CX112-1 & -2 RESPECTIVELY



- STYLE A -  
(WIRE LEADS)



- STYLE B -  
(THREADED STUD)

**NOTES:**

1. INSULATION RESISTANCE MEASURED AT 25°C AT 500 VDC CHARGING VOLTAGE
2. DISSIPATION FACTOR MEASURED AT 25°C AT 1 KC

A	ON SPEC. 1 "OR PAPER" ADDED STYLE B. SPEC II & * NOTE ADDED ON CHART CX109-2, -3, -4 & S ADDED ON CHART COL "RF" TYP. WAS "RF CAPACITY"	2-16-66	15682	GDL	JCB	MMH	
SYM	DESCRIPTION	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.	
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES TOLERANCES ON FRACTIONS ± 1/64 DECIMALS ± .005 ANGLES ± 1/2°		SCALE: 5/401-112		C			
		MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES					
REQ. PER UNIT	2	TTR-10					
		MODEL		SECTION	ASS'Y. NO.	DATE	
							USED ON

REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
		THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
STOCK SIZE		CAPACITOR, FIXED	
MATERIAL			
TYPE & TEMPER	HEAT TREAT. SPEC.	DRAWN	CHECKED
		RON KOHN 7-18-63	2.5011 7-16
FINISH & SPEC. NO.		ELEC. DES. APP.	MECH. DES. APP.
		CX-109	
		A	