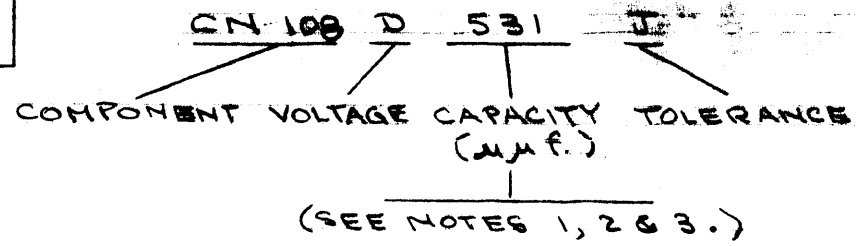


IT IS UNDESIRABLE TO CHANGE ANY TOLERANCE OR DIMENSION SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

MINIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATION WILL BE CAUSE FOR REJECTION. REMOVE ALL BURR AND SHARP EDGES

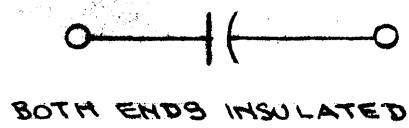
STANDARD DRAWING

TYPE DESIGNATION TO BE IN ALL CAPS

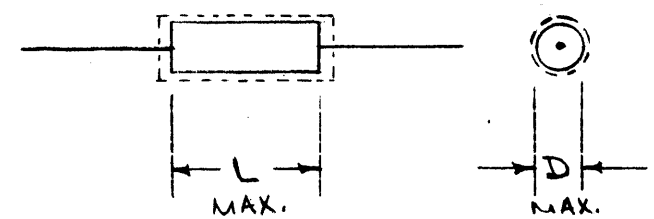


CN 108-D

CIRCUIT



DIMENSIONS



CAP.* μf	VOLTS					G20	
	100	200	300	400	600	"D" DIA.	"L" LENGTH
.001						.283	31/32
.0015							
.0022							
.0033							
.0047							
.0068							
.01						.283	
.015						.303	
.022						.303	
.033						.343	31/32

CAP.* μf	VOLTS					G20	
	100	200	300	400	600	DIA.	LENGTH
.047						.423	31/32
.068						.510	1-3/32
.10						.423	1-3/32
.15						.510	1-3/8
.22						.510	1-5/16
.33						.700	1-5/8
.47						.510	1-5/16
.68						.700	1-5/8
1.00						.700	1-25/32
2.00						.890	2-1/4
.25						.530	13/16

- SPECIFICATIONS -**
- 1- MYLAR DIELECTRIC.
 - 2- MIRACLE X IMPREGNATED.
 - 3- OPER. TEMP. RANGE - -65° TO +125° C.
 - 4- EXTENDED FOIL CONSTRUCTION. (RECOMMENDED FOR APPLICATIONS WHERE RESONANT LOSSES MUST BE SERIOUSLY CONSIDERED AND WHERE VOLTAGES LESS THAN 10 V. ARE APPLIED TO THE CAPACITOR)
 - 5- LEADS- 1/2" ± 1/8" TINNED SOLID WIRE.
22-24 A.W.G. UP TO AND INCL. .243 DIA.
20-22 A.W.G. UP TO AND INCL. .363 " "
18-20 A.W.G. UP TO AND INCL. .450 " " & OVER.
 - 6- TOLERANCE - ± 20% UNLESS OTHERWISE SPECIFIED.
MECHANICAL - MAXIMUM DIMENSIONS SHOWN

- NOTE:**
- 1- LAST DIGIT INDICATES NUMBER OF ZEROS.
 - 2- LETTER "R" IF USED SHALL INDICATE DECIMAL POINT.
EXAMPLE: CN 108D5R30E (5.3 μmf)
 - 3- CAPACITANCE SHALL BE SPECIFIED USING THREE DIGITS UNLESS MORE DIGITS ARE REQUIRED.
EXAMPLE: CN 108D1973E (197000 μmf)
CN 108D194E (190000 μmf)

* CAPACITANCE VALUES OTHER THAN LISTED ABOVE BUT WITHIN THE LIMITS OF THE CHART ARE AVAILABLE IN TOL. M WITHOUT EXTRA COST, COMPARED TO STANDARD VALUES IN TOL. M

ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.
D	1	EXP CHART REVISED SPECS REVISED "MAX" ADDED TO DIM.	5/9/66	16228	WFO	[Signature]	[Signature]
C	1	NOTES CLARIFIED	2/23/63	10606	[Signature]	[Signature]	[Signature]
B	1	.25 μf ADDED	5-18-60		[Signature]	[Signature]	[Signature]
A	1	TEXAS CAPACITOR CO ADDED	1/11/60		[Signature]	[Signature]	[Signature]

TOLERANCES: SCALE: 3401-90, 5401-87

ALL OTHERS: DEC. DIM. ±, FRAC. DIM. ±, ANGULAR DIM. ±

DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.

TOLERANCE		VOLTAGE	
E	± 0.5%	A	—
F	± 1%	B	100
G	± 2%	C	200
J	± 5%	D	300
K	± 10%	E	400
M	± 20%	F	600
		G	—

REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
			THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
			CAPACITOR, FIXED	
			"MYLAR" (PLASTIC CASE)	
			C.I.D. 10-7-54	KZ
			TYPE & TEMPER	1002
			DRAWN	[Signature]
			ELEC. DES. APP.	[Signature]
			HEAT TREAT. SPEC.	[Signature]
			CHECKED	[Signature]
			FINAL APPROVAL	[Signature]
			CN 108 D	