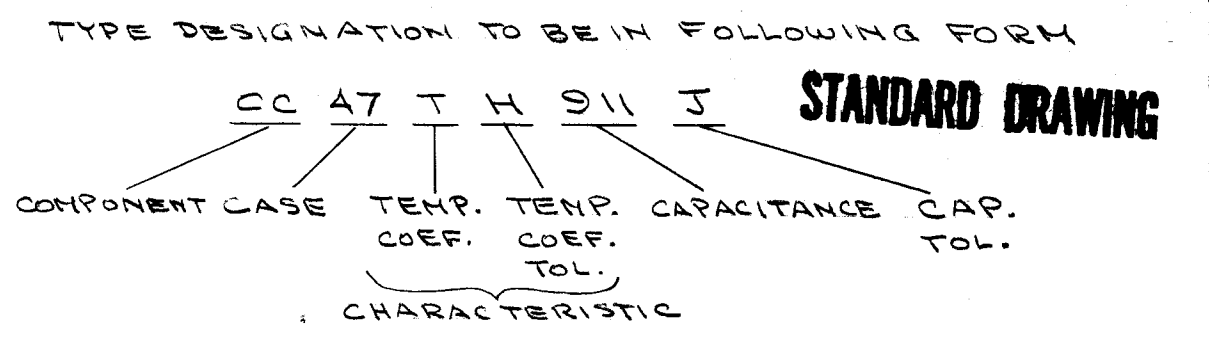


CC47

TYPE DESIGNATION	CAPACITANCE IN PFD	CAPACITANCE TOLERANCE	AVAILABLE IN TEMP. COEF. SHOWN AS COLUMN HEADINGS. TEMP. COEF. TOL. SHOWN BY LETTERS IN COLUMNS.										COLOR CODE					
			A	C	H	L	P	R	S	T	U	1st.	2nd	3rd				
CC47-HG80-	68	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
CC47-H750-	75	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
CC47-H820-	82	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
CC47-H910-	91	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
CC47-H101-	100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
CC47-111-	110	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
CC47-121-	120	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
CCA7-131-	130	FGJ	—	H	—	—	—	—	—	—	—	—	—	BROWN	ORANGE	BROWN	—	—
CCA7-151-	150	FGJK	—	H	—	H	—	—	—	—	—	—	—	—	GREEN	—	—	—
CCA7-161-	160	FGJ	—	H	—	H	—	—	—	—	—	—	—	—	BLUE	—	—	—
CCA7-181-	180	FGJK	—	H	—	H	—	—	—	—	—	—	—	—	GRAY	—	—	—
CC47-201-	200	FGJ	—	—	—	GH	G	G	—	—	—	—	—	RED	BLACK	—	—	—
CC47-221-	220	FGJK	—	—	—	GH	G	G	G	—	—	—	—	—	RED	—	—	—
CCA7-241-	240	FGJ	—	—	—	GH	G	G	G	—	—	—	—	—	YELLOW	—	—	—
CC47-271-	270	FGJK	—	—	—	GH	G	G	G	H	—	—	—	—	VIOLET	—	—	—
CC47-301-	300	FGJ	—	—	—	GH	G	G	G	H	—	—	—	ORANGE	BLACK	—	—	—
CCA7-331-	330	FGJK	—	—	—	GH	G	G	G	H	H	—	—	—	ORANGE	—	—	—
CCA7-361-	360	FGJ	—	—	—	—	G	G	G	H	H	—	—	—	BLUE	—	—	—
CCA7-391-	390	FGJK	—	—	—	—	G	G	G	H	H	H	—	—	WHITE	—	—	—
CCA7-431-	430	FGJ	—	—	—	—	G	G	G	H	H	H	—	YELLOW	ORANGE	—	—	—
CCA7-471-	470	FGJK	—	—	—	—	—	—	—	—	—	H	—	—	VIOLET	—	—	—
CCA7-511-	510	FGJ	—	—	—	—	—	—	—	—	—	H	—	GREEN	BROWN	—	—	—
CCA7-561-	560	FGJK	—	—	—	—	—	—	—	—	—	H	J	—	BLUE	—	—	—
CC47-621-	620	FGJ	—	—	—	—	—	—	—	—	—	H	J	—	BLUE	RED	—	—
CC47-681-	680	FGJK	—	—	—	—	—	—	—	—	—	H	J	—	GRAY	—	—	—
CC47-751-	750	FGJ	—	—	—	—	—	—	—	—	—	H	J	—	VIOLET	GREEN	—	—
CC47-821-	820	FGJK	—	—	—	—	—	—	—	—	—	H	J	—	GRAY	RED	—	—
CC47-911-	910	FGJ	—	—	—	—	—	—	—	—	—	H	J	—	WHITE	BROWN	—	—

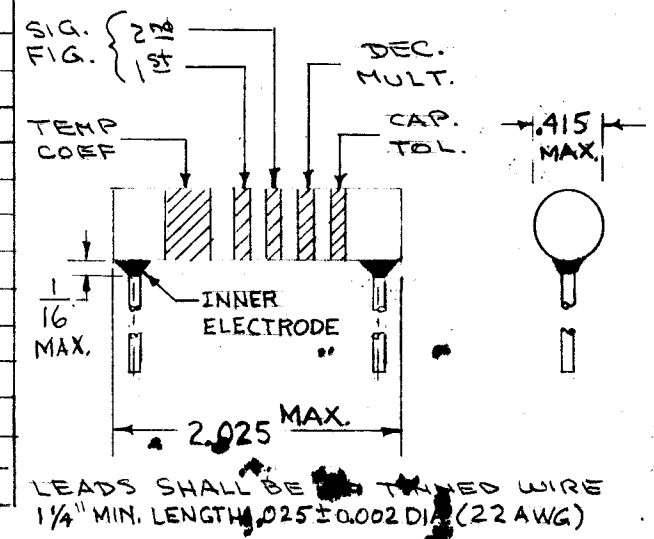


CAPACITANCE TOLERANCE

COLOR CODE	LETTER	%
BRN	F	± 1
RED	G	± 2
GRN	J	± 5
WHT	K	± 10

CHARACTERISTIC DESIGNATION

COLOR CODE	LETTERS	NOM. TEMP. COEF. PARTS PER MILLION PER °C	TEMP. COEF. TOL. PARTS PER MILLION PER °C
GOLD	AH	+100	± 66
	BG	DELE.	
	BH	DELE.	
BLK	CG	ZERO	± 30
BRN	HG	-30	± 30
RED	LG	-80	± 30
ORN	PG	-150	± 30
GRN	SH	-330	± 66
	SL	DELE.	
BLU	TH	-470	± 66
VIO	UJ	-750	± 130
BLK	CH	ZERO	± 66
YLW	RH	-220	± 66



COMPLETE TYPE DESIGNATION WILL INCLUDE ADDITIONAL LETTER SYMBOLS TO INDICATE TEMP. COEF., TEMP. COEF. TOL. (AS APPLICABLE) AND CAPACITANCE TOLERANCE.

INSULATION RESISTANCE > 50,000 Meg ohms AT 25°C  
 > 1,000 Meg ohms AT 125°C  
 Q AT 1.0 MEGACYCLE > 1,000  
 CAPACITANCE DRIFT — WITHIN 0.2%  
 DC WORKING VOLTAGE — 500  
 PEAK VOLTAGE — 300% OF DCWV FOR 5 SECONDS AT 50 MA MAX.  
 TEMPERATURE RANGE — (-55 TO +125°C)

NOTES  
 DO NOT USE FOR NEW DESIGN. USE COMMERCIAL EQUIVALENT OR REFER TO CC114 FOR REPLACEMENTS.

**STANDARD DRAWING**

ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
D		PCT: .415 MAX WAS .340 ± .035; .1425 ± .010 DELE; 2.025 MAX WAS .1875 ± .150; NOTE 4 S401-61-93 ADDED. OBSOLETE NOTE 4 MIC-C-209ASA REF. 108	4.20.65	13870	df	RPB	
C	1	OBSOLETE NOTE ADD.	3.18.65	13730	df	905	
B	2	PART NO. WAS "CC458CC47" COMPLETELY REVISED	10.15.64	12587	92	@	
A	1	NOTE ADDED RE: CC47	1/25/64	1	CSA	HH	A.J.J.

TOLERANCES    SCALE: S401-61 ~ S401-93

DEC. DIM. ±    MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION.  
 FRAC. DIM. ±    REMOVE ALL BURRS AND SHARP EDGES  
 ANGULAR DIM. ±

REQ. PER UNIT    MODEL    PROJECT NO.    ASS'Y. NO.    DATE

USED ON

REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
<b>THE TECHNICAL MATERIEL CORP.</b> MAMARONECK, NEW YORK			
STOCK SIZE			
CAPACITOR, FIXED CERAMIC			
TEMP. COMPENSATING			
MATERIAL			
TYPE & TEMPER	HEAT TREAT. SPEC.	DRAWN	CHECKED
		CCD 9/2/55	A.J.J.
		✓2	✓
FINISH & SPEC. NO.		ELEC. DES. APP.	MECH. DES. APP.
		CC47	D