

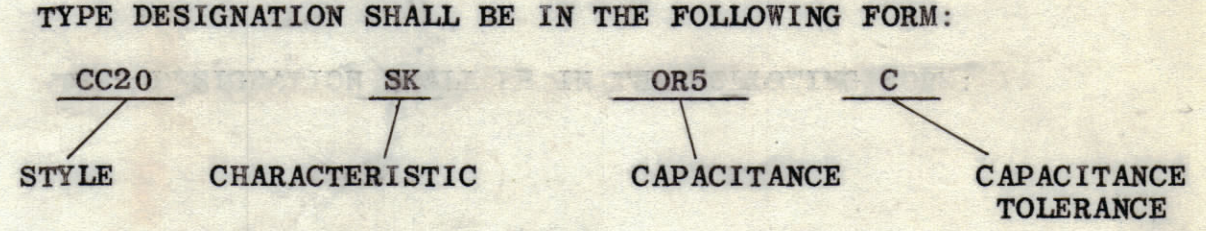
TYPE DESIGNATION*	CAP. IN uuf	CAP. TOL.	AVAILABLE IN TEMPERATURE COEFFICIENT SHOWN AS COLUMN HEADING AND IN TEMPERATURE COEFFICIENT TOLERANCE INDICATED BY LETTERS IN COLUMNS										COLOR CODE			
			NOMINAL COEFFICIENT AND LARGE DOT COLOR										DOT FROM LARGE DOT			
			A GOLD	C BLACK	H BROWN	L RED	P ORANGE	R YEL.	S GREEN	T BLUE	U VIO.	FIRST	SECOND	THIRD		
CC20-KOR5C	0.5	C	K	K	K	K	K	K	K	K	K	K	K	GREEN	BLACK	GRAY
CC20-KR75-	0.75	CD	K	K	K	K	K	K	K	K	K	K	K	VIOLET	GREEN	GRAY
CC20-K010-	1.0	CD	K	K	K	K	K	K	K	K	K	K	K	BROWN	BLACK	WHITE
CC20-K1R5-	1.5	CD	K	K	K	K	K	K	K	K	K	K	K	BROWN	GREEN	WHITE
CC20-K020-	2.0	CD	K	K	K	K	K	K	K	K	K	K	K	RED	BLACK	WHITE
CC20-J030-	3.0	CD	J	J	J	J	J	J	J	J	J	J	J	ORANGE	BLACK	WHITE
CC20--040-	4.0	CD	H	H	H	H	H	H	H	H	H	H	H	YELLOW	BLACK	WHITE
CC20--050-	5.0	CDF	H	H	H	H	H	H	H	H	H	H	H	GREEN	BLACK	WHITE
CC20--060-	6.0	CDF	H	H	H	H	H	H	H	H	H	H	H	BLUE	BLACK	WHITE
CC20--070-	7.0	CDF	H	H	H	H	H	H	H	H	H	H	H	VIOLET	BLACK	WHITE
CC20--080-	8.0	CDF	H	H	H	H	H	H	H	H	H	H	H	GRAY	BLACK	WHITE
CC20--090-	9.0	CDF	H	H	H	H	H	H	H	H	H	H	H	WHITE	BLACK	WHITE
CC20--100-	10.0	CDFG	H	H	H	H	H	H	H	H	H	H	H	BROWN	BLACK	BLACK
CC20--120-	12.0	GJK	H	H	H	H	H	H	H	H	H	H	H	BROWN	RED	BLACK
CC20--150-	15.0	GJK	H	H	H	H	H	H	H	H	H	H	H	BROWN	GREEN	BLACK
CC20--180-	18.0	GJK	H	H	H	H	H	H	H	H	H	H	H	BROWN	GRAY	BLACK
CC20--200-	20.0	GJ	H	H	H	H	H	H	H	H	H	H	H	RED	BLACK	BLACK
CC20--220-	22.0	GJK	H	H	H	H	H	H	H	H	H	H	H	RED	RED	BLACK
CC20--240-	24.0	GJ	H	H	H	H	H	H	H	H	H	H	H	RED	YELLOW	BLACK
CC20--270-	27.0	FGJK				H	H	H	H	H	H	H	H	RED	VIOLET	BLACK
CC20--300-	30.0	FGJ					H	H	H	H	H	H	H	ORANGE	BLACK	BLACK
CC20--330-	33.0	FGJK					H	H	H	H	H	H	H	ORANGE	ORANGE	BLACK
CC20--360-	36.0	FGJ						H	H	H	H	H	H	ORANGE	BLUE	BLACK
CC20--390-	39.0	FGJK							H	H	H	H	H	ORANGE	WHITE	BLACK
CC20--430-	43.0	FGJ								H	H	H	H	YELLOW	ORANGE	BLACK
CC20UJ470-	47.0	FGJK										H	H	YELLOW	VIOLET	BLACK
CC20UJ510-	51.0	FGJ											H	GREEN	BROWN	BLACK
CC20UJ560-	56.0	FGJK												GREEN	BLUE	BLACK
CC20UJ620-	62.0	FGJ												BLUE	RED	BLACK

REVISIONS						
ZONE	SYM	DESCRIPTION	DATE	E.M.N. NO.	DRAFT	APPRO
2	C	REVISED & REDRAWN	8-19-63	9412		
	D	* SUPERSEDES NOTE # "AND THE MIL IDENTIFIER MAY BE OMITTED" ADDED	5.17.66	16245		

CHARACTERISTICS			
LETTER DESIGNATION	LARGE DIAM. SPOT COLOR	NOMINAL TEMP. COEFF. (Parts Per Million Per °C.)	POSITIVE TOL. ON TEMP. COEFF. (Parts Per Million Per °C.)
AH	GOLD	+100	+60
AJ	GOLD	+100	+120
AK	GOLD	+100	+250
CH	BLK	ZERO	+60
CJ	BLK	ZERO	+120
CK	BLK	ZERO	+250
HH	BRN	-30	+60
HJ	BRN	-30	+120
HK	BRN	-30	+250
LH	RED	-80	+60
LJ	RED	-80	+120
LK	RED	-80	+250
PH	ORN	-150	+60
PJ	ORN	-150	+120
PK	ORN	-150	+250
RH	YEL	-220	+60
RJ	YEL	-220	+120
RK	YEL	-220	+250
SH	GRN	-330	+60
SJ	GRN	-330	+120
*SK	GRN	-330	+250
TH	BLU	-470	+60
TJ	BLU	-470	+120
TK	BLU	-470	+250
UJ	VIO	-750	+120
UK	VIO	-750	+250

* COMPLETE TYPE DESIGNATION WILL INCLUDE ADDITIONAL LETTER SYMBOLS TO INDICATE, WHERE APPLICABLE, TEMP. COEF, TOL. ENVELOPE FOR TEMP. COEF, AND CAP. TOL.

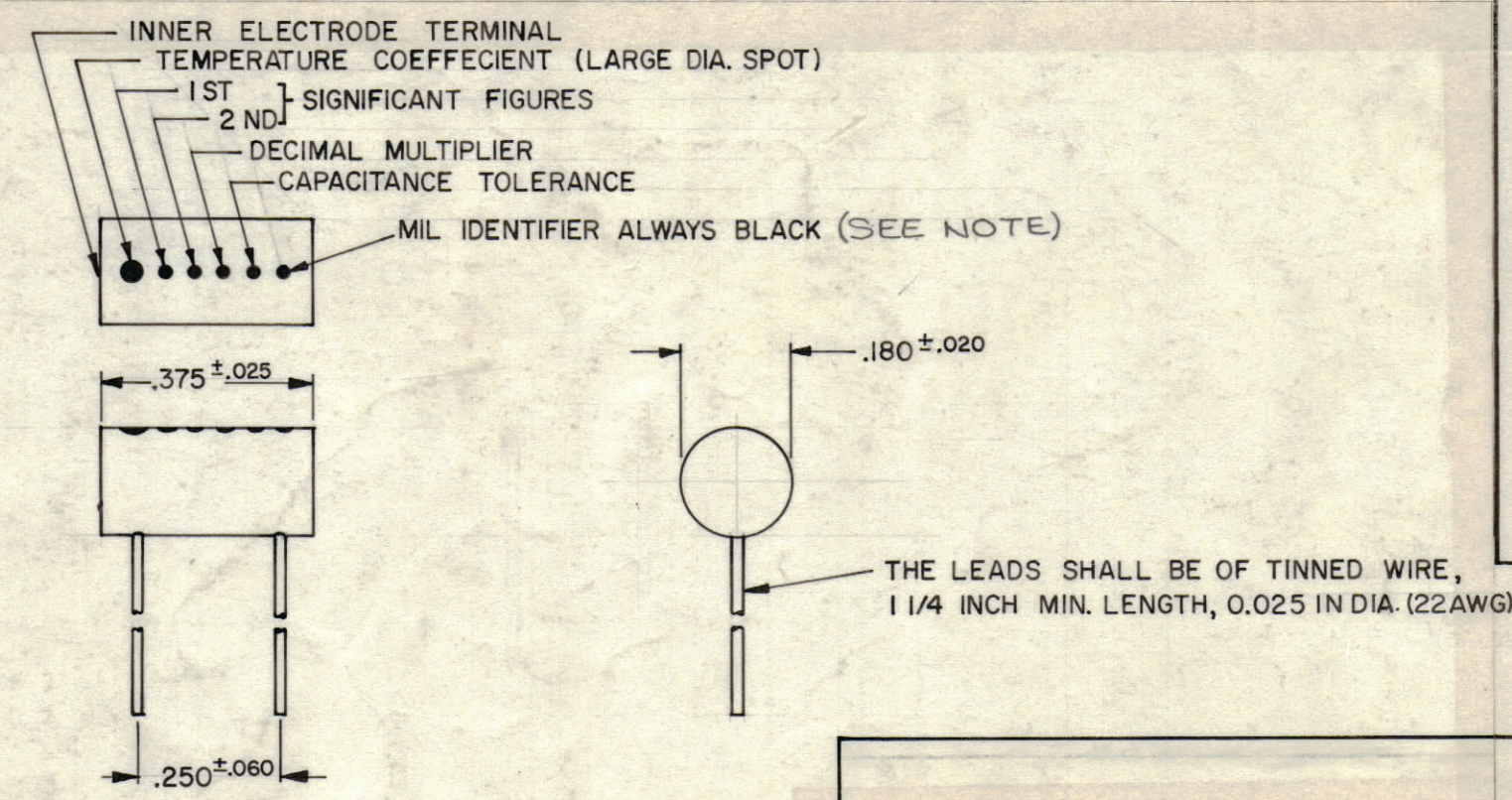
* SUPERSEDES AND DIRECTLY REPLACES "SL" CHARACTERISTIC.



CAPACITANCE TOLERANCE		
DESIGNATION LETTER	GREATER THAN 10 uuf (± Percent)	10 uuf OR SMALLER (± uuf)
C		0.25 (Red)
D		0.5 (Green)
F	1 (Brown)	1.0 (White)
G	2 (Red)	2.0 (Black)
J	5 (Green)	
K	10 (White)	

SPECIFICATIONS
 1. DCVV - 500
 2. ALL SPECIFICATIONS SHALL BE IN ACCORDANCE WITH MIL-C-20D AND AMENDMENTS.

NOTE:
 SPECIAL CAPACITORS CONFORMING TO JAN-C-20A (Not to be used on new designs):
 CC20 capacitors with an "SL" CHARACTERISTIC SHALL BE ACCEPTABLE WITH A LARGE DIAM. CHARACTERISTIC COLOR OF WHITE. ALL OTHER SPECIFICATIONS SHALL CONFORM TO MIL-C-20D EXCEPT A TOLERANCE OF 0.25 SHALL BE GRAY INSTEAD OF RED, AND THE MIL IDENTIFIER MAY BE OMITTED.



STANDARD DRAWING

NOTES

QTY./UNIT	MODEL USED ON	ASSY. NO.
SCALE	CODE	

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REQ'D.	ITEM	PART NUMBER	DESCRIPTION	SYMBOL
LIST OF MATERIAL				
MATERIAL			THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
FINISH			TITLE CAPACITORS, FIXED, CERAMIC - DIELECTRIC (TEMP. COMP., UNINSULATED)	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES		DRAWN 8-19-63	DATE	FINAL APPROVAL
DECIMALS .X ± .05 .XX ± .01 .XXX ± .005		CHECKED 8-23	DATE	DATE
FRACTIONS ± 1/64 ANGLES ± 0° 30'		ELECT. DES.	DATE	DATE
TOLERANCES		MECH. DES.	DATE	DATE
SHEET			CC20 D	
REV. LTR.				

CC20 D