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TYPE DESIGNATION *	CAPACITANCE	DC WORKING VOLTAGE	CAPACITANCE TOLERANCES AVAILABLE
CY20C561-	uuf	Volts	(+)
CY20C561-	560	500	FGJ
CY20C621-	620	500	FGJ
CY20C681-	680	500	FGJ
CY20C751-	750	500	FGJ
CY20C821-	820	500	FGJ
CY20C911-	910	500	FGJ
CY20C102-	1,000	500	FGJ
CY20C112-	1,100	500	FGJ
CY20C122-	1,200	500	FGJ
CY20C132-	1,300	500	FGJ
CY20C152-	1,500	500	FGJ
CY20C162-	1,600	500	FGJ
CY20C182-	1,800	500	FGJ
CY20C202-	2,000	500	FGJ
CY20C222-	2,200	500	FGJ
CY20C242-	2,400	500	FGJ
CY20C272-	2,700	500	FGJ
CY20C302-	3,000	500	FGJ
CY20C332-	3,300	500	FGJ
CY20C362-	3,600	300	FGJ
CY20C392-	3,900	300	FGJ
CY20C432-	4,300	300	FGJ
CY20C472-	4,700	300	FGJ
CY20C512-	5,100	300	FGJ

* Complete type designation will include an additional letter symbol to indicate Capacitance Tolerance

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Property of

THE TECHNICAL MATERIEL CORPORATION
MAMARONECK, NEW YORK

C	PART No. EXAMPLE COMPLETELY REVISED	6-5-67	G.D.L.	R.H.W.
B	CHGD FOUR TO FOUR OR MORE IN NOTE	8-8-66	R.M.E.	M.N.A.
SYM	DESCRIPTION	DATE	CH. NO. DRAFTS	CHECKER
			5401-42	ENG. APP.

UNLESS OTHERWISE SPECIFIED:

DIMENSIONS ARE IN INCHES

TOLERANCES ON

FRACTIONS $\pm 1/64$ DECIMALS $\pm .005$ ANGLES $\pm 1/20$

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

SCALE: 5401-42

REQUIREMENTS PER UNIT
REQ. PER UNIT
HFS-1
MODEL
SECTION
ABS'Y. NO.
DATE
3-23-62

T A B L E 2

CAPACITANCE TOLERANCE

Symbol	Capacitance Tolerance (+)
F	1 %
G	2 %
J	5 %

T A B L E 3

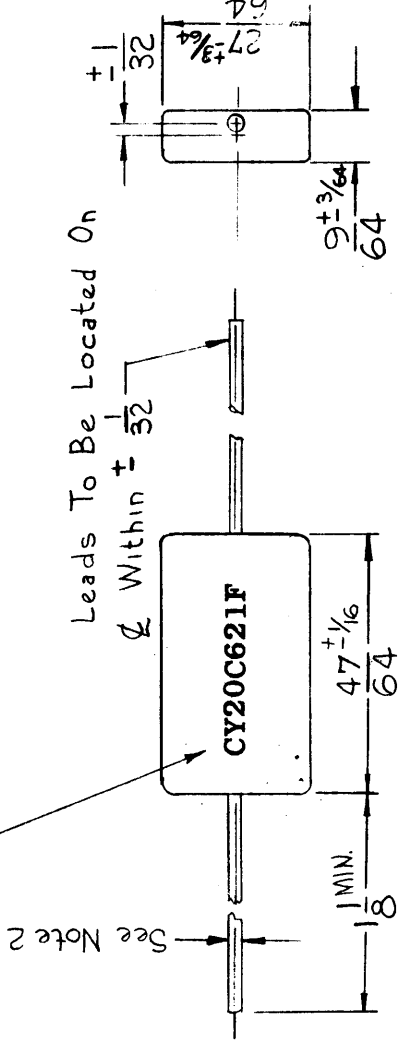
OPERATING TEMPERATURE RANGE

Symbol	Operating Temperature Range
C	-55 to $+125$ °C

TEMPERATURE COEFFICIENT & CAPACITANCE DRIFT

TEMPERATURE COEFFICIENT	CAPACITANCE DRIFT
Parts/million/°C 140 ± 25	$(-55^\circ$ to $+125^\circ\text{C})$
0.1 % or 0.1 uuf whichever is greater.	

MARKING IN ACCORDANCE WITH MIL-C-11272B (MAY BE ON TWO LINES).



1. All dimensions in inches.

2. The lead diameter shall be 0.032 \pm .004 or 0.025 \pm .001

T M C PART NUMBER SHALL BE IN THE FOLLOWING FORM:

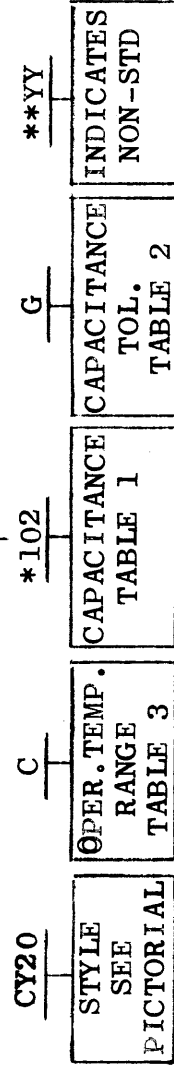
**NOTE 1: FOR NON-STANDARD VALUES AND/OR TOLERANCES, (THOSE NOT SHOWN IN TABLE 1), ADD 'YY', TO PART NO. EXAMPLE: CY20C491GYY

NOTE 2: SHALL BE IN ACCORDANCE WITH THE LATEST REVISION OF MIL-C-11272/1 EXCEPT GOVERNMENT SOURCE INSPECTION SHALL NOT BE REQUIRED. MIL IDENTIFIER SHALL BE DELETED ON THOSE ITEMS WITH A YY SUFFIX TO PART NUMBER.

NOTE 3: VALUES 3300pf AND BELOW ARE 500 VOLT RATING VALUES ABOVE 3300pf ARE 300 VOLT RATING.

NOTE 4: FOR NON-STANDARD VALUES WHICH CANNOT BE EXPRESSED IN THREE DIGITS; FOUR DIGITS WILL BE USED. EXAMPLE: *1060 = 106uuf

OF ZERO'S



REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
		THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
		CAPACITORS, FIXED, GLASS DIELECTRIC	
		STYLE CY20	
		RUZZO	
		DRAWN	
		CHECKED	
		FINAL APPROVAL	
		CY20	
		MECH. DES. APP. MECH. DES. APP.	
		FINISH & SPEC. NO.	