B

CM 45

CAP. μμf	WORK. VOLTS DC	CHARACTERS AVAILABLE ±2% (G)	±5% (J)
47	2500	B	B
51			
56			
62			
68			
75			
82			
91			
100			
110			
120			
130			
150			
160			
180			
200			
220			
240			
270			
300			
330			
360			
390			
430			
470			
510			
560			
620			
680			
750			
820	2500	B	B

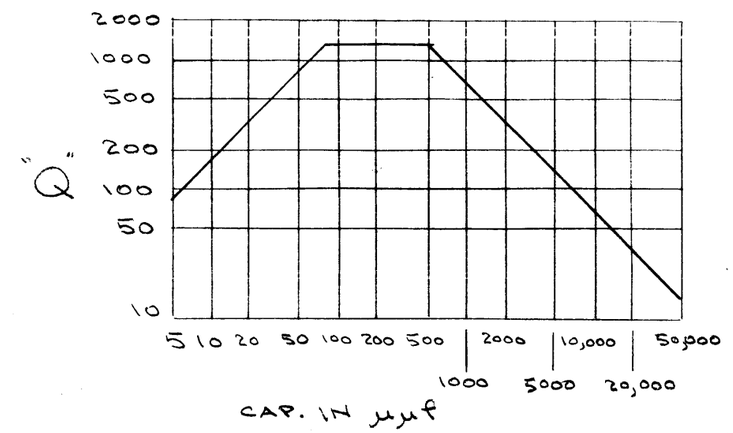
CAP. μμf	WORK VOLTS DC	CHARACTERS AVAILABLE ±2% (G)	±5% (J)
910	2500	B	B
1000			
1,100			
1,200			
1,300			
1,500			
1,600			
1,800	2500	B	B
2,000			
2,200			
2,400			
2,700			
3,000			
3,300			
3,600			
3,900			
4,300			
4,700			
5,100			
5,600			
6,200			
6,800			
7,500			
8,200			
9,100			
10,000			

CAPACITANCE VALUES FROM 2,000 TO 10,000 μμf FORMERLY INCLUDED IN STYLE CM45 SHALL BE REPLACED BY THE APPROPRIATE CAPACITACE VALUE IN STYLE CM50. REF: S-805

TOLERANCE	
LETTER	%
G	± 2
J	± 5

STANDARD DRAWING

MINIMUM "Q" REQUIREMENTS AT 1 MEGACYCLE PER SECOND



NOTICE TO PERSONS REFERRING TO THIS DRAWING

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Property of:

THE TECHNICAL MATERIEL CORPORATION
MAMARONECK, NEW YORK

SPECIFICATIONS

APPROX. WEIGHT- 0.62 OUNCE
TEMP. COEF. - NOT SPECIFIED
TEMP. RANGE - 55 TO+125°C (0)
VIBRATION GRADE-10 TO 2,000 CPS (3)
INSULATION RESISTANCE- (25°C) 10,000 M Ω MIN.
(85°C) 4,000 M Ω MIN.
(125°C) 1,500 M Ω MIN.

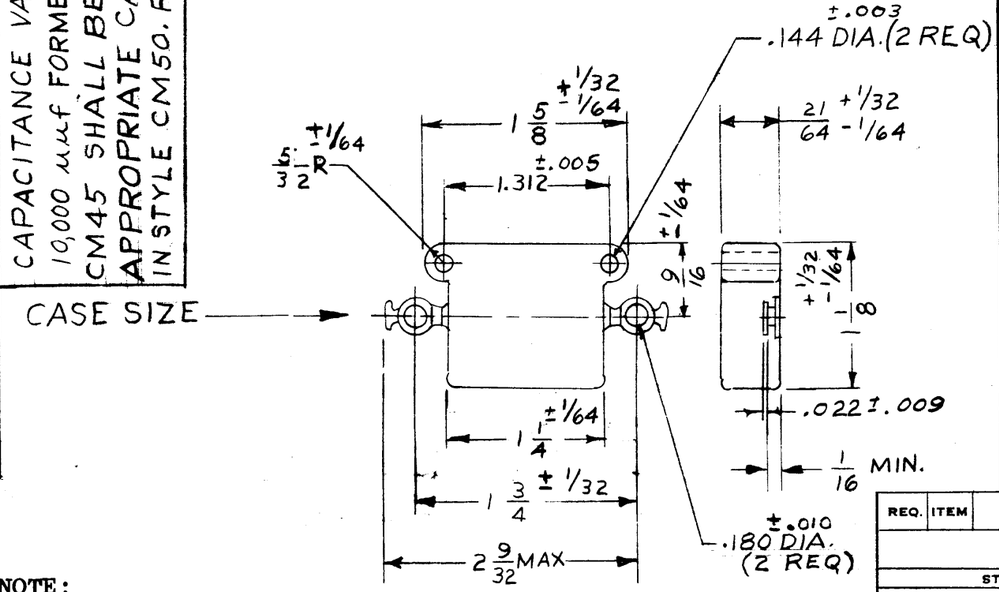
TYPE DESIGNATIONS TO BE IN THE FOLLOWING FORM.

CM 45 B 471 G 0 3

MICA DIELECTRIC — CASE — CHAR. — CAP. — TOL. — OPER. TEMP. RANGE — VIBRATION GRADE

CAPACITORS SHALL BE MANUFACTURED TO REQUIREMENTS OF MIL-C-5/7E & AMEND.

REF: S805



NOTE:
1. ADD "YY" TO PART NO. WHEN CHAR., VALUE, OR TOL. IS NON-MILITARY.
2. "FOR SPECIAL VOLTAGES SEE TMC CM100"

ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
B		NOTES 1&2, & REF: S805" ADD	12-17-64	13142	[illegible]	[illegible]	[illegible]
A	7	COMPLETELY REV.	3-13-64	11031	A.M	@	[illegible]

TOLERANCES	SCALE:
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
		STOCK SIZE	THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
		MATERIAL	CAPACITOR, FIXED MICA DIELECTRIC	

TYPE & TEMPER	HEAT TREAT. SPEC.	DRAWN	CHECKED	FINAL APPROVAL
		CDD 12/27/5	[illegible]	A. J. J.
FINISH & SPEC. NO.		ELEC. DES. APP.	MECH. DES. APP.	CM 45 B

FORM - 109 - A