

IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

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

TYPE DESIGNATION	CAP. $\mu$ f.	D.C. WKG. VTGE.	CHARACTERISTICS AVAILABLE AT		COLOR CODE		
			$\pm 2\%$ (G)	$\pm 5\%$ (J)	UPPER CENTER DOT	UPPER RIGHT DOT	LOWER RIGHT DOT
CM 25-050-03	5						
CM 25-100-03	10						
CM 25-120-03	12						
CM 25-150-03	15						
CM 25-180-03	18						
CM 25-200-03	20						
CM 25-220-03	22						
CM 25-240-03	24						
CM 25-270-03	27						
CM 25-300-03	30						
CM 25-330-03	33						
CM 25-360-03	36						
CM 25-390-03	39						
CM 25-430-03	43						
CM 25-470-03	47						
CM 25-510-03	51	500	E	E	GREEN	BROWN	BLACK
CM 25-560-03	56	do	E	E	do	BLUE	do
CM 25-620-03	62	do	E	E	BLUE	RED	do
CM 25-680-03	68	do	E	E	do	GREY	do
CM 25-750-03	75	do	E	E	VIOLET	GREEN	do
CM 25-820-03	82	do	E	E	GREY	RED	do
CM 25-910-03	91						
CM 25-101-03	100						
CM 25-111-03	110						
CM 25-121-03	120						
CM 25-131-03	130						
CM 25-151-03	150						
CM 25-161-03	160						
CM 25-181-03	180						
CM 25-201-03	200						
CM 25-221-03	220						
CM 25-241-03	240						
CM 25-271-03	270						
CM 25-301-03	300						
CM 25-331-03	330						
CM 25-361-03	360						
CM 25-391-03	390						
CM 25-431-03	430						
CM 25-471-03	470						
CM 25-511-03	510						
CM 25-561-03	560	do	EF	BEF	do	BLUE	do
CM 25-621-03	620	do	EF	BEF	BLUE	RED	do
CM 25-681-03	680	do	EF	BEF	do	GREY	do
CM 25-751-03	750	do	EF	BEF	VIOLET	GREEN	do
CM 25-821-03	820	do	EF	BEF	GREY	RED	do
CM 25-911-03	910	do	EF	BEE	WHITE	BROWN	do
CM 25-102-03	1000	do	EF	BEF	BROWN	BLACK	RED
CM 25-112-03	1100						CM100-15
CM 25-122-03	1200						CM100-12
CM 25-132-03	1300						CM100-9
CM 25-152-03	1500						CM100-10
CM 25-162-03	1600						CM100-11
CM 25-182-03	1800						CM100-13
CM 25-202-03	2000						CM100-14

DIRECTLY REPLACED BY

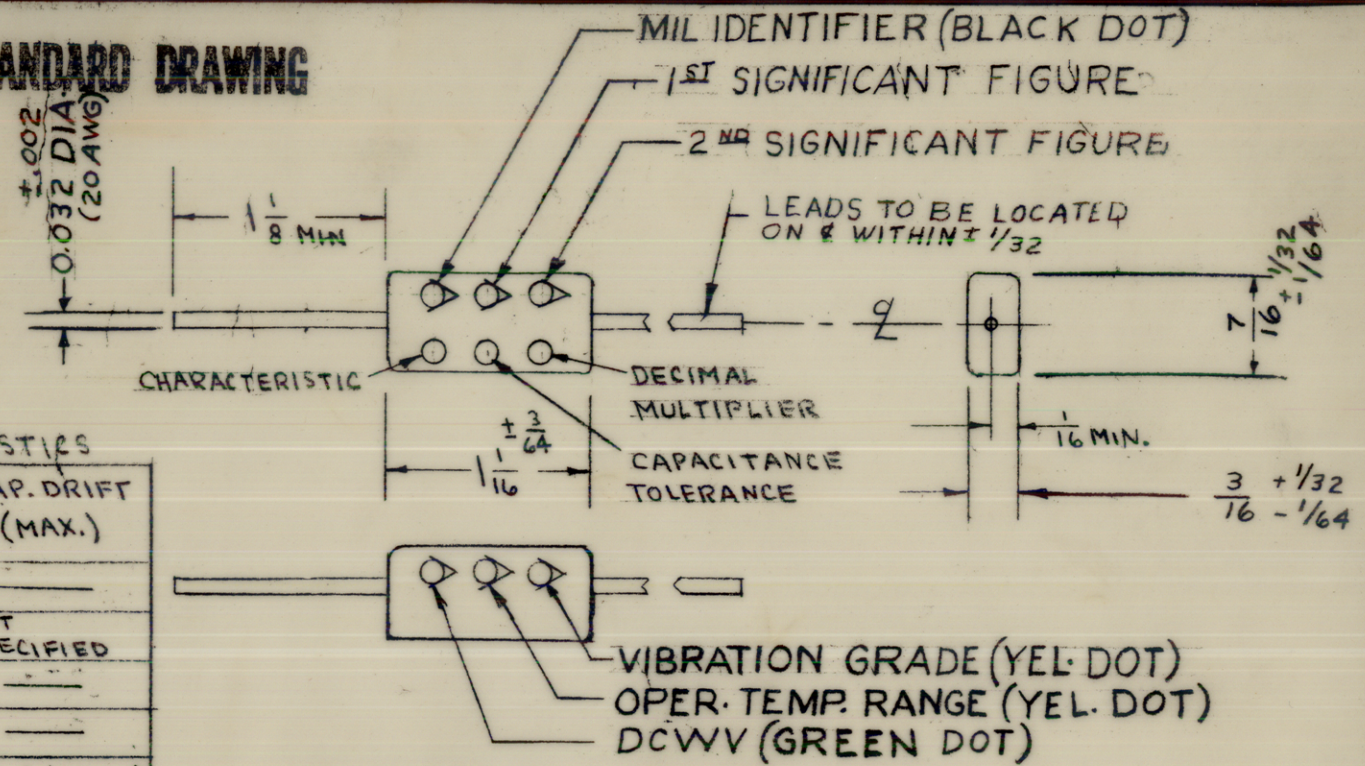
CAPACITANCE VALUES FROM 5 TO 47 AND 91 TO 510  $\mu$ f FORMERLY INCLUDED IN STYLE CM 25 SHALL BE REPLACED BY THE APPROPRIATE VALUE IN STYLE CM15. REF: S-805

NOTE:

"FOR SPECIAL VOLTAGES SEE TMC CM100"

CM25

STANDARD DRAWING

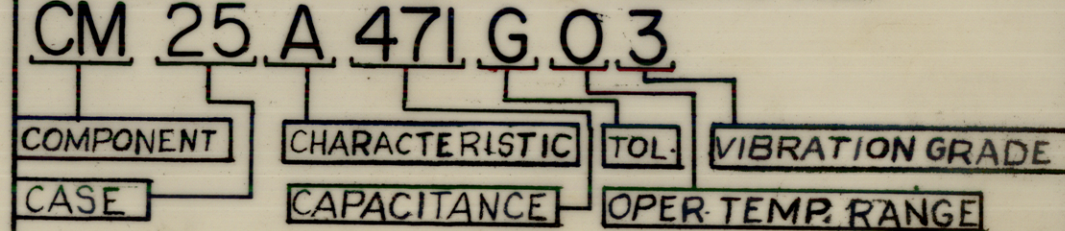


	CHARACTERISTICS	
	TEMP. COEF. parts/mi/°C	CAP. DRIFT (MAX.)
B	NOT SPECIFIED	NOT SPECIFIED
E	-20 to +100	$\pm(0.1\% \pm 0.1 \mu\text{uf})$
F	0 to +70	$\pm(0.05\% \pm 0.1 \mu\text{uf})$

COLOR	CAPACITANCE		TOLERANCE %	CHARACTERISTIC
	SIG. FIGURE	DEC. MULT.		
BLACK	0	1	—	—
BROWN	1	10	—	B
RED	2	100	2(G)	—
ORANGE	3	1000	—	—
YELLOW	4	—	—	E
GREEN	5	—	5(J)	F
BLUE	6	—	—	—
VIOLET	7	—	—	—
GREY	8	—	—	—
WHITE	9	—	—	—
GOLD	—	0.1	—	—
SILVER	—	.01	—	—

**SPECIFICATIONS**  
 INSULATION RESISTANCE-(25°C) 50K  $\Omega$  MINIMUM. (125°C) 10K  $\Omega$  MINIMUM.  
 MOISTURE RESISTANCE- 3% OR 1.0  $\mu$ f CAPACITOR CHANGE MAXIMUM.  
 VIBRATION GRADE- 10 TO 2,000 CPS (3)  
 OPER. TEMP. RANGE- -55 TO +125°C (0)  
 WEIGHT- APPROXIMATELY 0.12 OUNCE

TYPE DESIGNATION TO BE IN THE FOLLOWING FORM:



REF: S805

REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
—	—	THE TECHNICAL MATERIEL CORP.	
—	—	MAMARONECK, NEW YORK	
—	—	CAPACITOR, FIXED,	
—	—	MICA DIELECTRIC	
—	—	C.O.D. 8-20-5V	
—	—	DRAWN	ELEC. DES. APP. MECH. DES. APP.
—	—	CHECKED	FINAL APPROVAL
—	—	FINISH & SPEC. NO.	

CM25 16

ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.
6		DELE "XY" & MIL-C-5 REF NOTE	13068 18749				

TOLERANCES: DEC. DIM.  $\pm$ , FRAC. DIM.  $\pm$ , ANGULAR DIM.  $\pm$

SCALE: —

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

MODEL	PROJECT NO.	ASSY. NO.	DATE