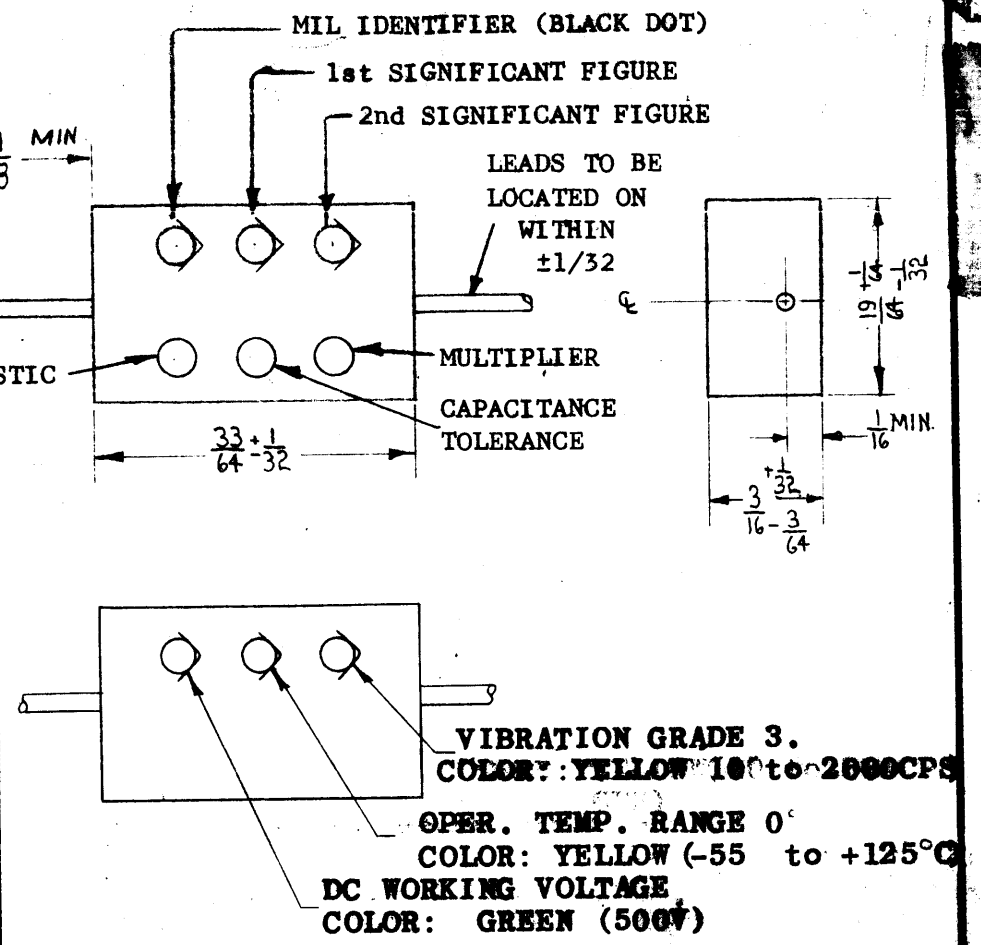


TYPE DESIGNATION	CAPACITANCE	DC WORKING VOLTAGE	CHARACTERISTICS AVAILABLE AT CAPACITANCE TOLERANCE:				CAPACITANCE COLOR CODE		
			±2% (G)	±5% (J)	±10% (K)	±20% (M)	1st significant figure	2nd significant figure	Multiplier
CM15B050M03	5	500	-	-	-	B	Green	Black	Gold
CM15B100M03	10	500	-	-	B	-	Brown	Black	Black
CM15B120M03	12	500	-	-	B	-	Brown	Red	Black
CM15B150M03	15	500	-	-	B	-	Brown	Green	Black
CM15B180M03	18	500	-	-	B	-	Brown	Gray	Black
CM15-200J03	20	500	-	BC	-	-	Red	Black	Black
CM15-220J03	22	500	-	BC	BC	-	Red	Red	Black
CM15-240J03	24	500	-	BC	-	-	Red	Yellow	Black
CM15-270J03	27	500	-	BC	BC	-	Red	Purple	Black
CM15-300J03	30	500	-	BC	-	-	Orange	Black	Black
CM15-330J03	33	500	-	BC	BC	-	Orange	Orange	Black
CM15-360J03	36	500	-	BC	-	-	Orange	Blue	Black
CM15-390J03	39	500	-	BC	BC	-	Orange	White	Black
CM15-430J03	43	500	-	BC	-	-	Yellow	Orange	Black
CM15-470J03	47	500	-	BC	BC	-	Yellow	Purple	Black
CM15-510J03	51	500	C	BC	-	-	Green	Brown	Black
CM15-560J03	56	500	C	BC	BC	-	Green	Blue	Black
CM15-620J03	62	500	C	BC	-	-	Blue	Red	Black
CM15-680J03	68	500	C	BC	BC	-	Blue	Gray	Black
CM15-750J03	75	500	C	BC	-	-	Purple	Green	Black
CM15-820J03	82	500	C	BC	BC	-	Gray	Red	Black
CM15-910J03	91	500	CF	BCF	-	-	White	Brown	Black
CM15-101J03	100	500	CF	BCF	BC	-	Brown	Black	Brown
CM15-111J03	110	500	CF	BCF	-	-	Brown	Brown	Brown
CM15-121J03	120	500	CF	BCF	BC	-	Brown	Red	Brown
CM15-131J03	130	500	CF	BCF	-	-	Brown	Orange	Brown
CM15-151J03	150	500	CF	BCF	BC	-	Brown	Green	Brown
CM15-161J03	160	500	CF	BCF	-	-	Brown	Blue	Brown
CM15-181J03	180	500	CF	BCF	BC	-	Brown	Gray	Brown
CM15-201J03	200	500	DF	BDFC	-	-	Red	Black	Brown
CM15-221J03	220	500	DF	BDF	BCD	-	Red	Red	Brown
CM15-241J03	240	500	DF	BDF	-	-	Red	Yellow	Brown
CM15-271J03	270	500	DF	BDF	BCD	-	Red	Purple	Brown
CM15-301J03	300	500	DF	BDF	-	-	Orange	Black	Brown
CM15-331J03	330	500	DF	BDF	BCD	-	Orange	Orange	Brown
CM15-361J03	360	500	DF	BDF	-	-	Orange	Blue	Brown
CM15-391J03	390	500	DF	BDF	BCD	-	Orange	White	Brown
CM15-431J03	430	500	DF	BDF	-	-	Yellow	Orange	Brown
CM15-471J03	470	500	DF	BDF	BCD	-	Yellow	Purple	Brown
CM15-511J03	510	500	DF	BDF	-	-	Green	Brown	Brown

CHARACTERISTICS		
	Temp. Coef. parts/mi./°C	Cap. Drift (Max.)
B	Not Specified	Not Specified
C	-200 to +200	±0.5%
D	-100 to +100	±0.3%
F	0 to +70	(0.05% ± 0.1µf)

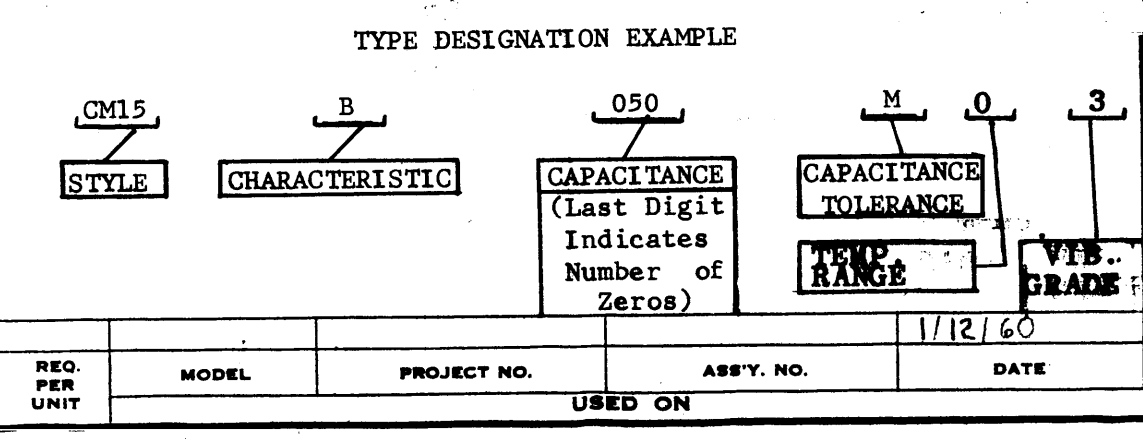
Color	Capacitance		% Tolerance	Characteristic
	Sig. Figure	Dec. Mult.		
Black	0	1	20(M)	-
Brown	1	10	-	B
Red	2	100	2(G)	C
Orange	3	1000	-	D
Yellow	4	-	-	-
Green	5	-	5J	F
Blue	6	-	-	-
Purple	7	-	-	-
Gray	8	-	-	-
White	9	-	-	-
Gold	-	0.1	-	-
Silver	-	.01	10(K)	-



**SPECIFICATIONS:**

- INSULATION RESISTANCE (25°C) - 50,000 OHMS MINIMUM
- (125°C) - 10,000 OHMS MINIMUM
- MOISTURE RESISTANCE: - 3% OR 1.0 µfd CAPACITOR CHANGE, MAXIMUM
- WEIGHT: - APPROXIMATELY .05 OUNCE

ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
E		DELETED MILCS REF. NOTE	1.30.68	18749			
D		NOTES (1) & (2), & REF: S805 ADD.	12-17-64	1342	2Z		
C	1	COMPLETELY REV.	3-17-64	11031	AM		
B	1	DWG UPDATED	11-15-63	10391			
A	1	500 DC WORKING VOLTAGE WAS 300	4-9-62	655			



REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
		THE TECHNICAL MATERIEL CORP. MAMARONECK. NEW YORK	
		STOCK SIZE	
		CAPACITOR, FIXED.	
		MATERIAL	
		MICA DIELECTRIC	
		TYPE & TEMPER HEAT TREAT. SPEC.	
		FINISH & SPEC. NO.	

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

REQ. PER UNIT

MODEL PROJECT NO. ASSY. NO. DATE

USED ON

11/12/60

REF: S805

DRAWN CHECKED FINAL APPROVAL

ELEC. DES. APP. MECH. DES. APP.

CM15 E