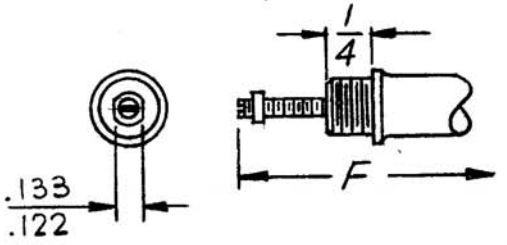
TMC NO.	MFG. NO.	CAPACITY (mmfd)	CORE MAT.	TERM. TYPE	DIM E	DIM F	MAX. CAP. STOP
CV 101-1	682056	1.0-8.0	STEEL	PAN	13/16	1 1/16	YES
CV 101-2	682024	0.5-3.0	STEEL	PAN	13/16	1 11/16	YES
CV 101-3	682048	1.0-12.0	STEEL	PAN	1 1/2	2 3/4	YES
CV 101-1	VCJ-1674	1.0-8.0	STEEL	PAN	13/16	1 11/16	YES
CV 101-2	VCJ-1675	0.5-3.0	STEEL	PAN	13/16	1 11/16	YES
CV 101-3	VCJ-1676	1.0-12.0	STEEL	PAN	1 1/2	2 3/4	YES

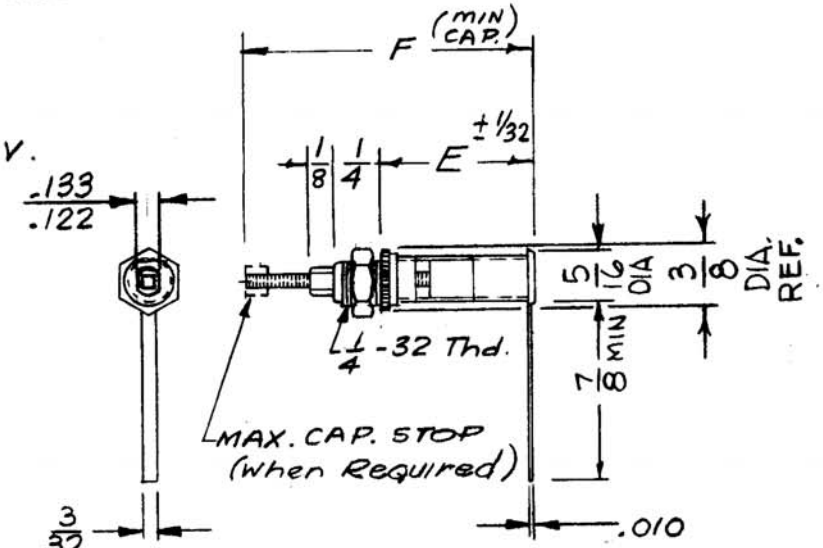
REQ. PER UNIT	USED ON MODEL	ASS'Y. NO.	DATE
	SBE-1		8-15-57
18(-1)	SBE-3	AD-102	
9	SBG	CLL-1	5-23-60

CV 101 | F

ALTERNATE CONSTRUCTION



NOTES-
1. DIM. "F" taken at Min. Cap.
2. DIELECTRIC STRENGTH of GLASS W/CORE SET at MID-CAPACITY - 1000 VDC.
3. OPERATING TEMP. - -55°C. to 125°C.
4. D.C. BREAKDOWN VOLT. (Core at max. C) - 500 V.
5. ONE 1/4-32 Hex. Nut Supplied by. Mfg.
6. ONE INTERNAL TOOTH LOCKWASHER SUPPLIED BY MFG.
7. INSULATION RESISTANCE - 106 MEGΩ
8. Q AT 20MC - 500 MIN.
9. TORQUE - 1 TO 10 OZ. INCH
10. TC @ 1 Mc ± 100 PPM/°C



5401-120 (VCJ)
5401-418 (682)

STANDARD DRAWING

Adjustment Tool: TMC P/N TP107

ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
F		ADD. ANOTHER CV101-1,-2&-3	7-6-71	20413	RF	CW	
E		ADDED REF. TO 3/8 DIM.	7-22-66	16611	RME	QCB	

TOLERANCES
DEC. DIM. ± .005
FRAC. DIM. ± 1/64
ANGULAR DIM. ± 1/2°

SCALE:

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

REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL

STOCK SIZE

MATERIAL

TYPE & TEMPER | HEAT TREAT. SPEC.

FINISH & SPEC. NO.

THE TECHNICAL MATERIEL CORP.
MAMARONECK. NEW YORK

CAPACITOR, VARIABLE, GLASS

DRAWN	CHECKED	FINAL APPROVAL
16 8/15/57		QCB
ELEC. DES. APP.	MECH. DES. APP.	CV 101 F

FORM-108-A