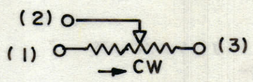
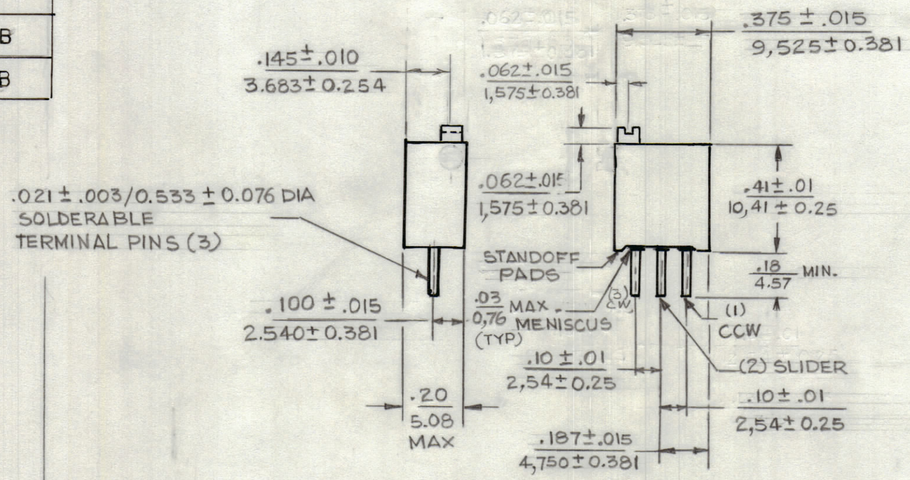
TMC PART NO.	RESISTANCE OHMS	BECKMAN PART NO.	STYLE
RV-140-1	100	67WR100	A
RV-140-2	500	67WR500	A
RV-140-3	1000	67WR1K	A
RV-140-4	5000	67WR5K	A
RV-140-5	10,000	67WR10K	A
RV-140-6	25,000	67WR25K	A
RV-140-7	250,000	67WR250K	A
RV-140-8	10,000	66PR10K	B
RV-140-9	2,000	66PR 2.0K	B
RV-140-10	5,000	66PR 5.0K	B

STYLE "A"

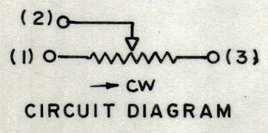


CIRCUIT DIAGRAM

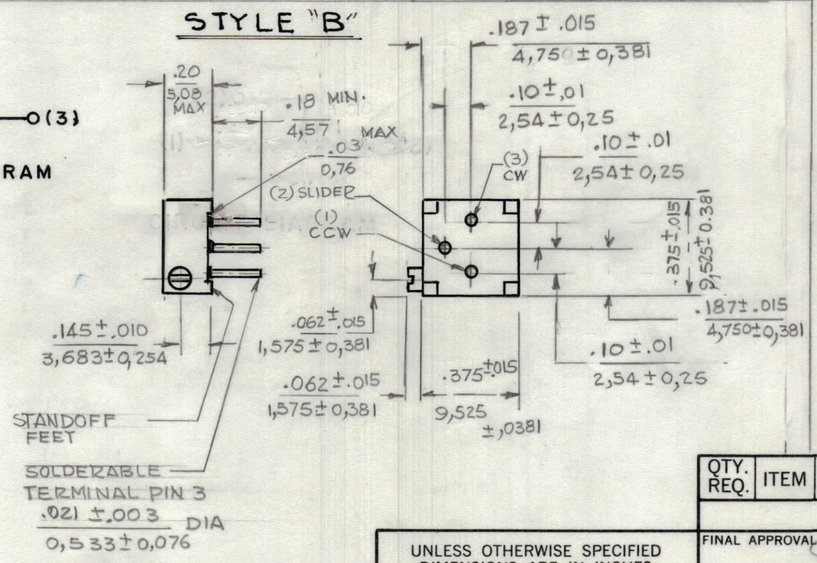
ALL DIMENSIONS ARE FOR REF. ONLY



STYLE "B"



CIRCUIT DIAGRAM



REVISIONS							
ZONE	LTR	DESCRIPTION	DATE	E.M.N.NO	DRAFT	CHKD	APPD
	Ø	ORIGINAL RELEASE for Production	11-1-81		GDL		
	A	RV 140-8, -9 & -10 ADD STYLE "B" ADD.	3-16-82	21920	G.D.L		

— SPECIFICATIONS —

ELECTRICAL:

INPUT VOLTAGE MAX. _____ 200 V DC/RMS

POWER RATING, WATTS ____ 0.5 AT 70°C, DERATING TO 0 AT 125°C

DIELECTRIC STRENGTH ____ 500 V RMS

INSULATION RESISTANCE ___ 100 MΩ

STANDARD RESISTANCE VALUES, OHMS:

10	100	1K	10K	100K	1M
20	200	2K	20K	200K	2M
—	—	—	25K	250K	—
50	500	5K	50K	500K	—

ADJUSTMENT TURNS NOMINAL 20

ENVIRONMENTAL:

TEMPERATURE RANGE ___ −55 TO 125°C

THERMAL SHOCK ———— 5 CYCLES, −55 TO 125°C

SHOCK ———————— 100 g's

VIBRATION ———————— 20 g's, 10 TO 2000 Hz

MOISTURE RESISTANCE ___ TEN - 24 hrs CYCLES

TEMPERATURE STORAGE ___ 250 hrs AT 125°C

ROTATIONAL LIFE ————— 200 CYCLES

LOAD LIFE AT 0.5 WATT ___ 1000 hrs. AT 70°C

QTY. REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL

LIST OF MATERIAL

QTY / UNIT	STANDARD
MODEL USED ON	ASS'Y NO.

APPLICATION

CODE

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TOLERANCES ON

DECIMALS	FRACTIONS
.X ± .05	± 1/64
.XX ± .01	ANGLES
.XXX ± .005	± 0° 30′

MATERIAL

FINISH

FINAL APPROVAL	DB	DATE 11/19/81
MECH. DES.		DATE
ELECT. DES.		DATE
CHECKED		DATE
DRAWN	G.D.L	DATE 10-21-81

THE TECHNICAL MATERIEL CORP.
MAMARONECK, NEW YORK

RESISTANCE, VARIABLE

SIZE	CODE IDENT. NO.	DWG NO.	ISSUE
C	82679	RV-140-	A

SCALE — SHEET OF

FCI-10-170 (10-66)

N39990