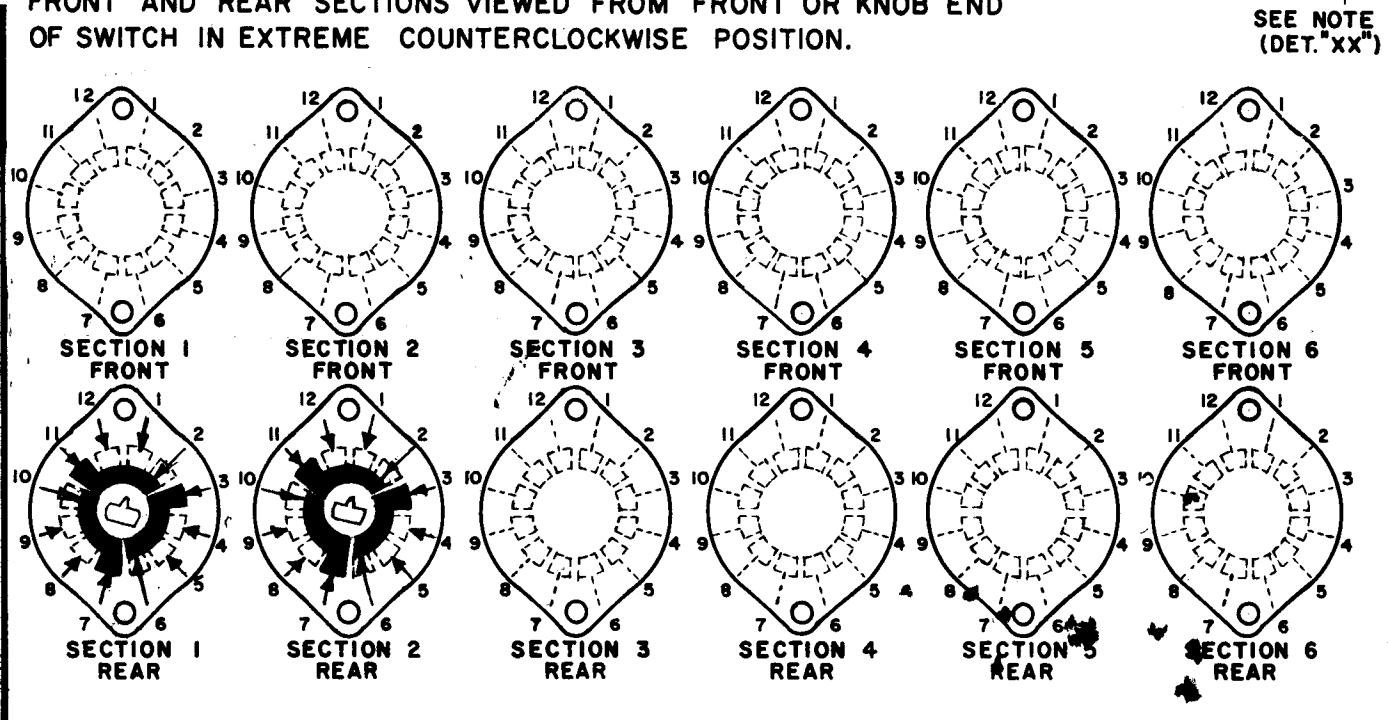
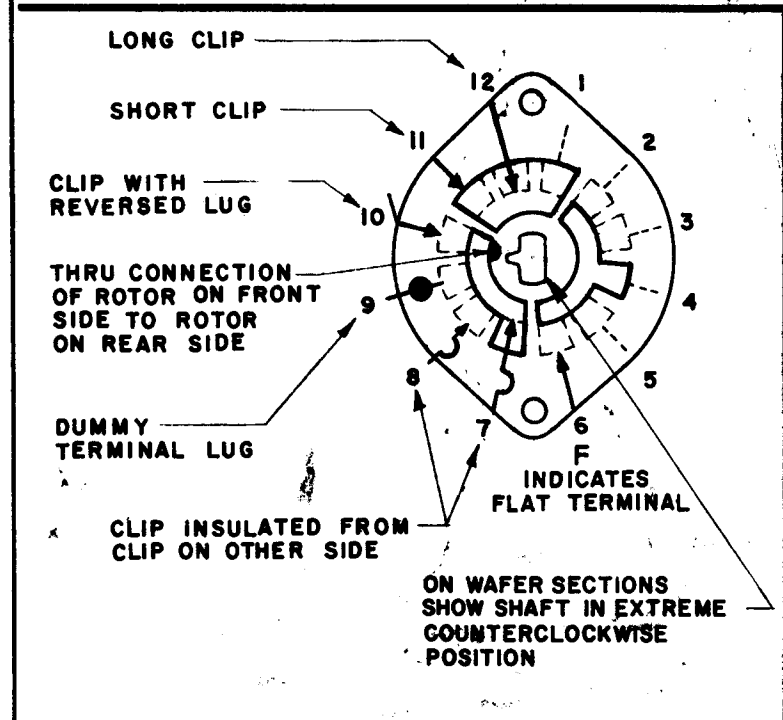
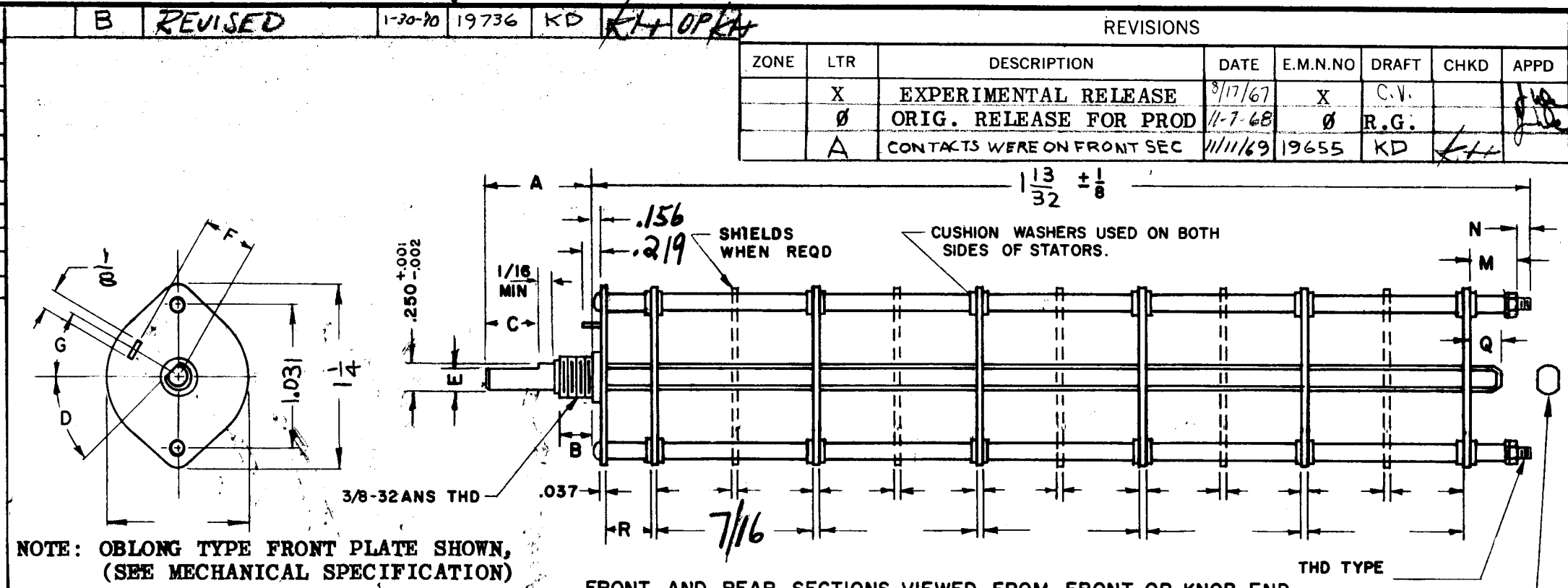
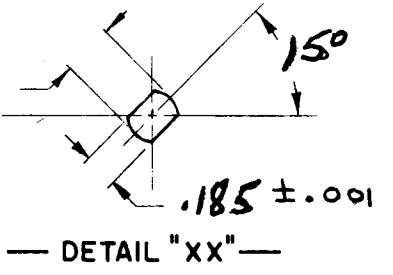


DESG.	DIMENSION	TOL.	REMARK
A	3/4	±.015	SHAFT LG. FROM MTG. SURFACE
B	3/8	±.005	BUSH. LG.
C	+	±.015	FLAT LG. (IF REQ.)
D	+	±2°	FLAT ANGLE (IF REQ.)
E	+	±.002	FLAT (IF REQUIRED)
F	.531	±.010	KEY LOCATION (IF REQ.)
G	180°		KEY LOCATION (IF REQ.)
M	5/32	±.010	
N	1/8	±.093	REAR SCR. EXT.
Q	3/16	±.031	REAR SHAFT EXT.
R	.375		1st SEC. SPACING

TMC PART NUMBER: SW-450 STAMP ON FRONT PLATE
FRONT PLATE SHAPE: ROUND X OR OBLONG
MECHANICAL SPECIFICATIONS:
NUMBER OF SECTIONS- 2
NUMBER OF POSITIONS- 3
ANGLE OF THROW- 30°
CONTACTS:
SHORTING TYPE, SECTIONS _____
NON SHORTING TYPE, SECTIONS 2
SILVER PLATED BRASS, SECTIONS _____
SILVER ALLOY, SECTIONS All
WAFERS:
BAKELITE, SECTIONS All
CERAMIC, SECTIONS _____
MYCALEX, SECTIONS _____
IMPREGNATION (IF REQ.) _____
FINISH REQUIREMENTS:
ARMY NAVY X COMMERCIAL _____
SALT TEST (IF REQ.) 200 Hours
HARDWARE, TO BE SUPPLIED BY MANUFACTURER:
1 QUAN. 3/8 -32 NUTS 1/2 ACROSS FLATS
MATERIAL Stainless Steel PLATING NiSILVATE
1 QUAN. 3/8 INTERNAL TOOTH LOCKWASHER
MATERIAL Stainless Steel PLATING NiSILVATE
ELECTRICAL SPECIFICATIONS:
MAXIMUM RATED VOLTAGE _____
MAXIMUM RATED CURRENT _____
NOTE: INDEX: - DUAL BALL
FOR S401-13 ("F" TYPE) SWITCHES, THE SHAFT POSITION MUST BE SPECIFIED ON DETAIL "XX" BELOW.



SWITCH, ROTARY - 12 POINT TYPE "F"

QTY / UNIT	MODEL USED ON	ASS'Y NO.
1	HFR-4	
1	HFRR-4	
APPLICATION		
	CODE	
NOTICE TO PERSONS RECEIVING THIS DRAWING		
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DECIMALS	FRACTIONS	FINAL APPROVAL	
.X ± .05	1/64	MECH. DES.	DATE 11/7/68
.XX ± .01	TOLS. ANGLES		DATE 11-5-68
.XXX ± .005	0° -30'	ELECT. DES.	DATE
MATERIAL		CHECKED	DATE 11/5/68
FINISH		DRAWN	DATE 8/10/67

THE TECHNICAL MATERIEL CORP.			
MAMARONECK, NEW YORK			
POWER			
SIZE	CODE IDENT. NO.	DWG NO.	ISSUE
B	82679	SW 450	B
SCALE	SHEET		OF