

SW 553

REVISIONS					
SYM	DESCRIPTION	DATE	E.M.N. NO.	DRAFT	CHKD
8	ORIGINAL RELEASE FOR PRODUCTION	3/29/73		α	

- NOTE:**
1. VIEW WAFERS FROM SOLENOID END OF SWITCH.
 2. REAR SIDE IS VIEWED AS IF LOOKING THROUGH WAFER, FROM SOLENOID END.
 3. ORIENTATION OF WAFER IS WITH PIN 1 IN THE ONE O'CLOCK POSITION AS VIEWED FROM THE SOLENOID END WITH CONNECTING WIRES OR TERMINALS FACING DOWN.
 4. ROTATION IN DIRECTION OF ARROW VIEWED FROM SOLENOID END.
 5. WAFERS SHOWN IN NO. 2 POSITION.

SWITCH SPECIFICATIONS

MECHANICAL

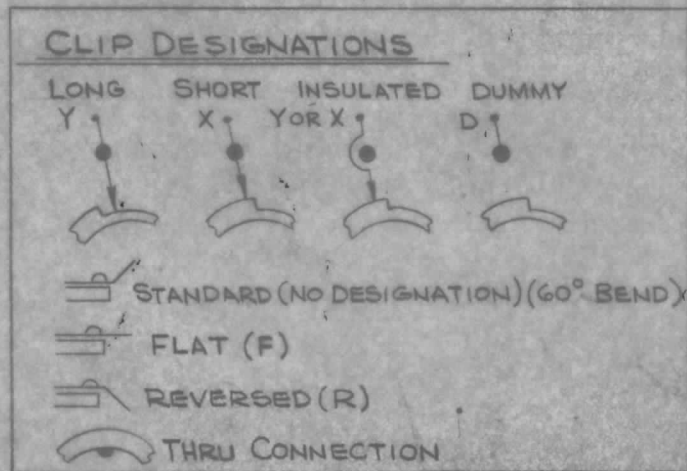
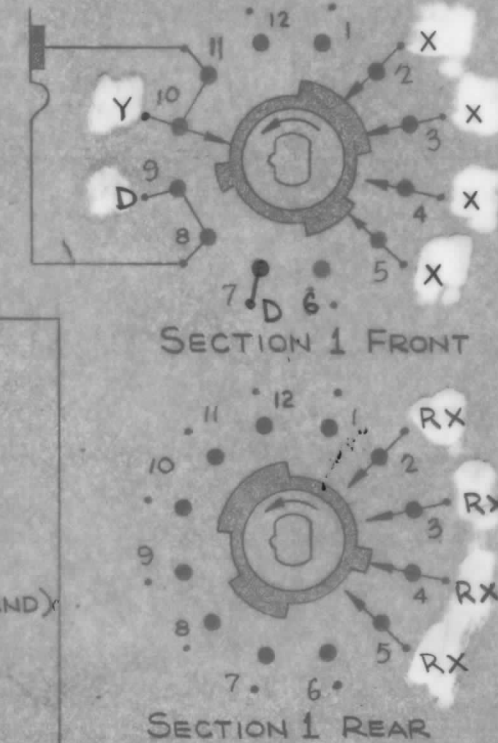
- NO. OF SECTIONS: 1
- NO. OF POSITIONS: 12
- ANGLE OF THROW: 30°
- CONTACT MATERIAL: SOLID SILVER ALLOY
- CONTACT TYPE: SECT. 1, SPECIAL
- WAFER MATERIAL: BAKELITE
- FINISH: 50 HOUR SALT SPRAY

ELECTRICAL

- CURRENT RATING: CARRY: 5 TO 10 AMPS. RESISTIVE MAX.
- BREAK @ 24 VDC: 5 AMPS. RESISTIVE MAX.
- BREAK @ 115 VDC: 1 AMP. RESISTIVE MAX.
- DIELECTRIC STRENGTH: 1000 V CLIP TO CLIP, 500V INSULATED
- CLIPS BACK TO BACK

COIL SPECIFICATIONS

- SOLENOID SIZE: 5S
- COIL RESISTANCE @ 20°C: 4.91 Ω ± 5%
- VOLTAGE: 28 VDC
- GROSS STARTING TORQUE FOR 1/10 DUTY CYCLE AND 35° STROKE - 6.7 POUND INCHES
- DIELECTRIC STRENGTH: 1200 VRMS



REQ'D.	ITEM	PART NUMBER	DESCRIPTION	SYMBOL
LIST OF MATERIAL				
MATERIAL		THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK		
FINISH		SWITCH, ROTARY, SOLENOID		
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES		DRAWN: <i>[Signature]</i> CHECKED: <i>[Signature]</i> ELECT. DES: <i>[Signature]</i> MECH. DES: <i>[Signature]</i>	DATE: 27 Feb 73 DATE: 28 Feb 73 DATE: 27 Feb 73	FINAL APPROVAL: <i>[Signature]</i> DATE: 20 MAR 73 SHEET: SW 553
DECIMALS .X ± .05 .XX ± .01 .XXX ± .005	TOLERANCES	FRACTIONS ± 1/64 ANGLES ± 0° 30'	REV. LTR.	

NOTES

KIT 392	
Q'TY./UNIT	MODEL USED ON
SCALE	ASS'Y. NO.
CODE C	S401-281
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