

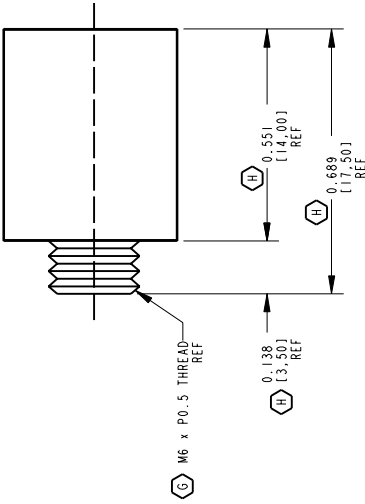
1. ELECTRICAL:  
CONTACT RESISTANCE: 20 MILLIOHMS MAX. INITIAL  
100 MILLIOHMS MAX. AFTER LIFE  
INSULATION RESISTANCE: 100 MEGOHMS MIN.  
DIELECTRIC WITH STANDING VOLTAGE: 250 VAC.

2. MECHANICAL:  
LIFE: 5000 CYCLES  
INSERTION FORCE: 0.4 KG TO 1.6 KG  
WITHDRAWAL FORCE: 0.4 KG TO 1.4 KG

3. MATERIALS:  
HOUSING: PBT BLACK, UL94-V0  
BUSHING: BRASS, NICKEL PLATED  
SPRINGS: COPPER ALLOY, SILVER PLATED  
COVER: POLYCARBONATE, CLEAR, UL94-V0

4. MOUNTING NUT HARDWARE INCLUDED.

5. THIS PRODUCT IS RoHS COMPLIANT.



Technical drawing of a shaft and key assembly. The shaft has a diameter of 20 mm. The key has a width of 8 mm and a height of 4 mm. The keyway has a depth of 2 mm. The key is shown in a cross-section view, with the shaft and key labeled with dimensions and tolerances.



PART NO.	SCHEMATIC
35RAPC3BH3	
35RAPC4BH3	
35RAPC2BH3	
35RAPC2AH3	

CUSTOMER DRAWING

☆ STAR SYMBOL DENOTES CRITICAL DIMENSION												THIS DRAWING DECREASES A DESIGN CONSIDERED PROPRIETARY IN NATURE. DESIGNED AND MANUFACTURED BY SWITCHCRAFT, INC. AND IS RELEASED ON A CONFIDENTIAL BASIS FOR IDENTIFICATION ON PURPOSES ONLY.																					
UNLESS OTHERWISE SPECIFIED												SIZE												WIDTH		MULT		MATERIAL SPEC No.		TEMPER			
1. ALL DIMENSIONS IN INCHES 2. TWO PLACE DECIMALS 3. FRACTIONAL DIMENSIONS IN 16ths 4. ANGLES 5. ALL WALLS CONCENTRIC WITHIN ± 0.005 T.I.R.												FINISH SPEC No.												DATE FIRST USED		CHKD		4. APVD		SCALE		4. EBR	
2. FEATURES ON THE SAME CENTERLINE SHALL BE INDICATED WITH ONE DIMENSION												9-Dec-93												ES		ES		12-10-93		12-10-93			
3. REMOVE ALL BURRS												NAME												9-Dec-93		ES		ES		12-10-93		12-10-93	
DO NOT SCALE DRAWING												REV												ECO		REVISIONS		DATE		BY		APVD	
J												27551												TO		TJK		8-4-15		TO		TJK	
H												26388												TO		TJK		7-20-12		TO		TJK	
G												26558												TO		TJK		11-10-10		TO		TJK	
F												26553												TO		TJK		6-8-10		TO		TJK	
E												21847												TO		RC		7-29-97		TO		RC	
REV												ECO												REVISIONS		DATE		BY		APVD		PART No.	
3.5MM HORIZONTAL STROKE WORK												Switchcraft®												SHEET		1		OF		1		REV	
H 3												35R4PC																					

RECOMMENDED PC BOARD  
COMPONENT SIDE