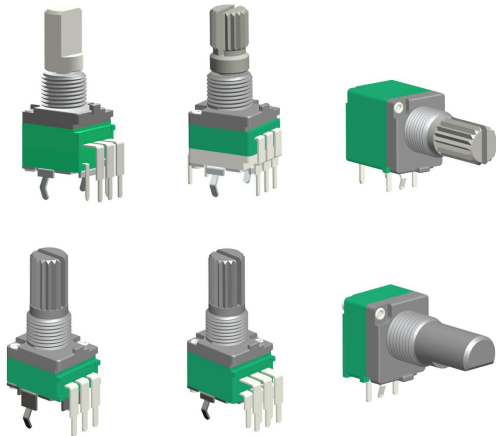


ROTARY TYPE POTENTIOMETER



9mm Size RK097 Series

09 型 RK097 系列



应用于：调音台、多媒体音响、功放及家用电器

Application: mixer, multi - coal acoustics, power amplifier and household appliances.

主要功能：调节音量、调平衡、调压、调温、调光

Main functions: adjust volume, balance, pressure, temperature and light.

RK097SNV01 - M7B5 - FA15A7 - B10K
1 2 3 4 5 6 7

Ordering Information 订货说明		Code 代码	Specification 规格参数
1	Modor Series 产品系列	RK097	See RK097 Series Dimensions 见 RK097 系列产品图
2	With Switch 带开关	S	With Momentary Switch 带瞬时接触开关 With rotary switch 带旋转式开关
3	Porduct Form 产品形态	NV	See RK097 Series Dimensions 见 RK097 系列产品图
4	Design Code 设计代号	01	
5	Bushing Type 轴套类型	M7B5	M7 Teeth Bushing , Bushing Length 5mm/7mm/10mm M7 螺牙轴套，轴套长度可选 5mm / 7mm / 10mm
6	Shaft Type and Shaft Length 轴型及轴长	FA15A7	See RK097 axis dimension table 见 RK097 轴型尺寸表
7	Resistance Taprt and Valee 曲线及阻值	曲线 Curve	See the potentiometer graph on the last page 见最后一页电位器曲线图
		阻值 Resistance	“10K”为阻值书写形式，表示阻值为10000Ω



ROTARY TYPE POTENTIOMETER

9mm Size RK097 Series

09 型 RK097 系列

MECHANICAL SPECIFICATION 机械性能

Total Rotational Angle 旋转角度	300°±5°
Rotational Torque 旋转力矩	20gf.cm ~ 200gf.cm
Shaft Stop Strength 止档强度	≥5kgf.cm
Shaft Wobble (mm p-p) 轴摆动	Within (0.7XL/20)mm p-p Max. L=Shaft Length

ELECTRICAL SPECIFICATION 电气性能

Total Resistance Range 总阻值及误差	500Ω < R < 1MΩ± 20% ; 1KΩ≥R≥1MΩ±30%
Resistance Taper 电阻特性曲线	See Potentiometer linear figure
Power Rating 负载功率	Linear taper 0.05W Other taper 0.025W
Max. Operating Voltage 最大工作电压	50V AC/DC 20V
Residual Resistance 残留电阻	Between terminal 1~2 : 20Ω Max , 2~3 : 20Ω Max
Rotational Noise 旋转杂音	Less than 100 mV at DC 20 V
Insulation Resistance 绝缘电阻	100 MΩ min at 250 V DC
Withstanding Voltage 耐电压	1 minute at AC 250V
Rotational life 回转寿命	10,000 cycles



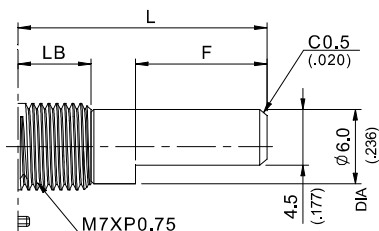
ROTARY TYPE POTENTIOMETER

9mm Size RK097 Series

09 型 RK097 系列

SHAFT TYPE AND SHAFT LENGTH 轴型及轴长 (RK097 Series)

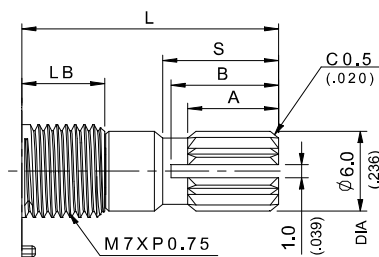
FB
轴



● 压铸轴

Length	FB10	FB15	FB20	FB25	FB30
L	10	15	20	25	30
LB	5	5	5	7	7
F	4	7	12	12	12

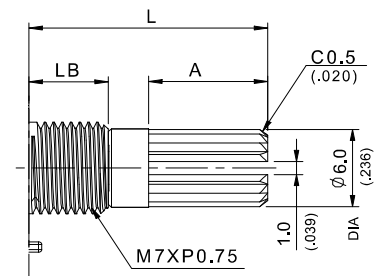
YA
轴



◎ 车制铝轴

Length	YA10	YA15	YA20	YA25	YA30
L	10	15	20	25	30
LB	5	5	7	7	7
A	4	6	10	12	12
S	4	6.5	11	13	13
B	4.4	7	12	14	14

YB
轴



● 压铸轴

Length	YB10	YB15	YB20	YB25
L	10	15	20	25
LB	5	5	5	7
A	4	8.5	13.5	18.5

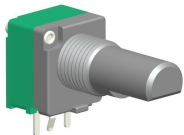
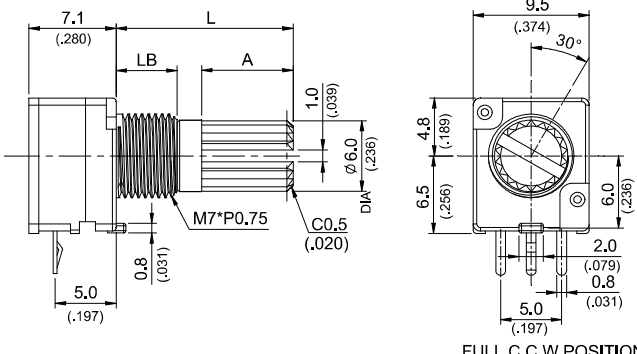
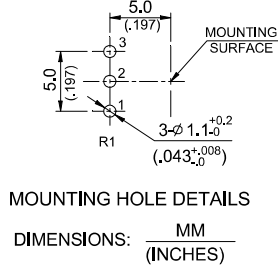
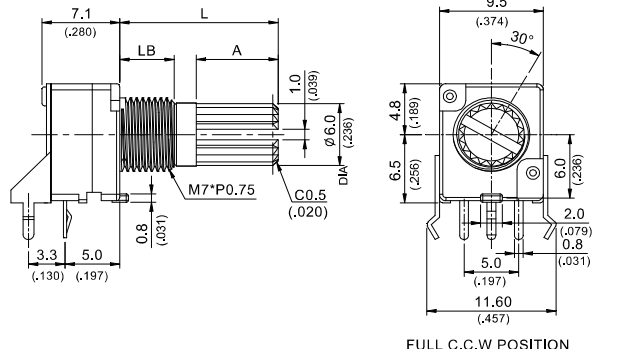
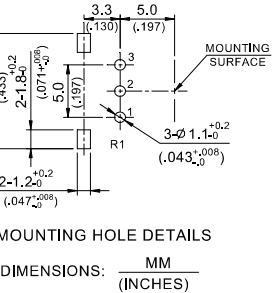
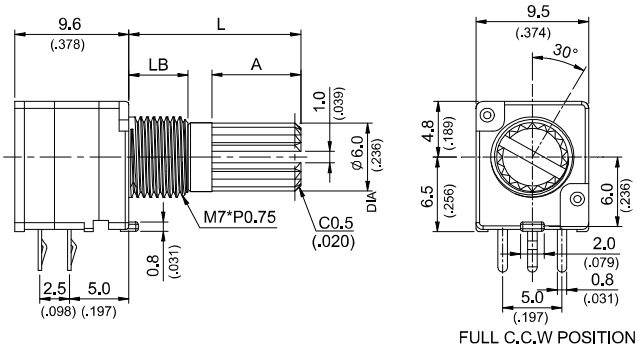
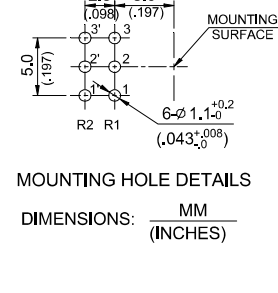
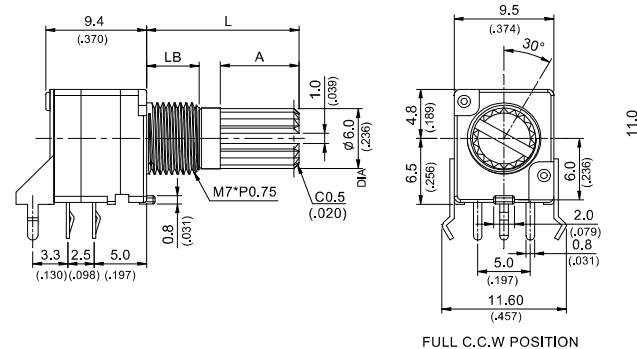
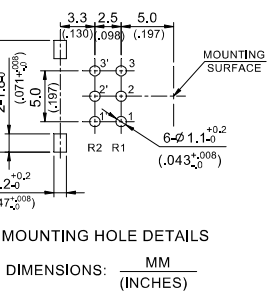


ROTARY TYPE POTENTIOMETER

9mm Size RK097 Series

09 型 RK097 系列

RK097 Series Dimensions

MODEL	DIMENNSIONS
 RK097NH01	 FULL C.C.W POSITION  MOUNTING HOLE DETAILS DIMENSIONS: $\frac{\text{MM}}{(\text{INCHES})}$
 RK097NHA01	 FULL C.C.W POSITION  MOUNTING HOLE DETAILS DIMENSIONS: $\frac{\text{MM}}{(\text{INCHES})}$
 RK097GH01	 FULL C.C.W POSITION  MOUNTING HOLE DETAILS DIMENSIONS: $\frac{\text{MM}}{(\text{INCHES})}$
 RK097GHA01	 FULL C.C.W POSITION  MOUNTING HOLE DETAILS DIMENSIONS: $\frac{\text{MM}}{(\text{INCHES})}$

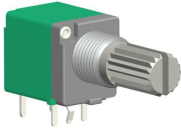
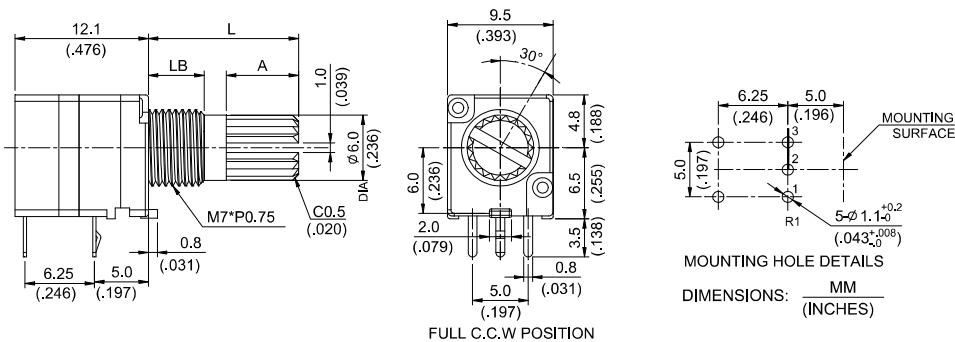
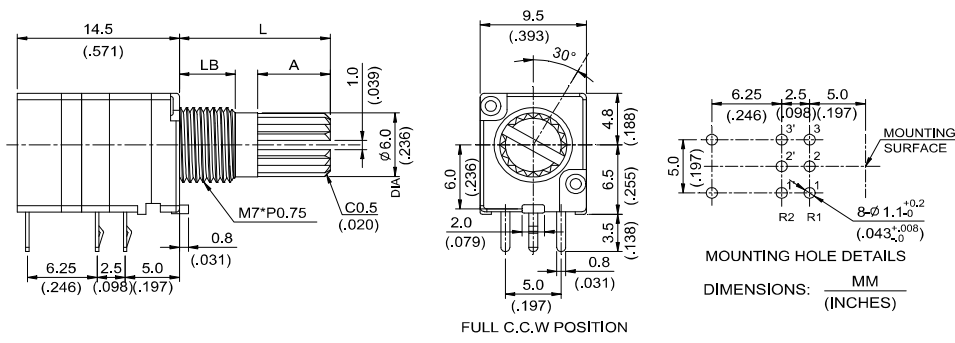
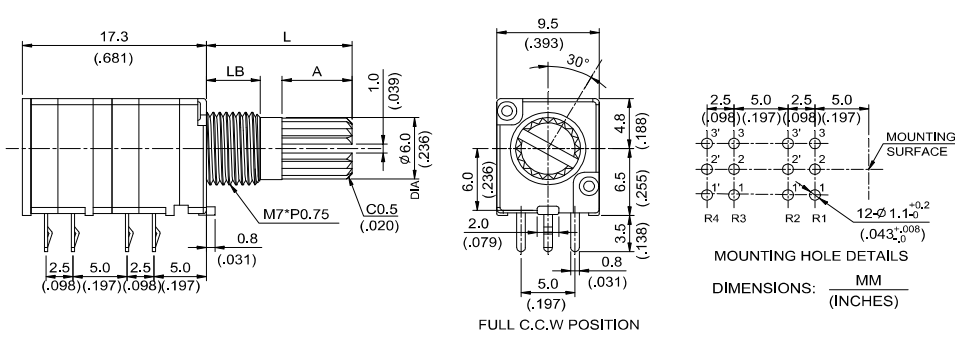
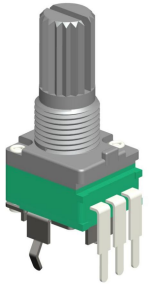
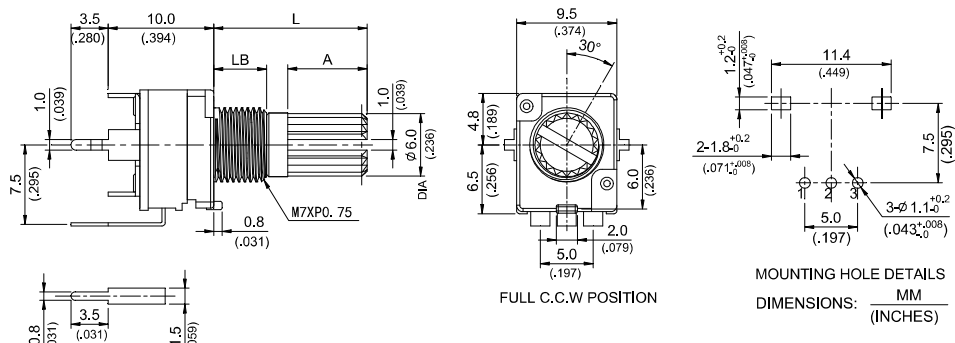


ROTARY TYPE POTENTIOMETER

9mm Size RK097 Series

09 型 RK097 系列

RK097 Series Dimensions

MODEL	DIMENNSIONS
 RK097SNH01	 FULL C.C.W POSITION
 RK097SGH01	 FULL C.C.W POSITION
 RK097G4H01	 FULL C.C.W POSITION
 RK097NVA01	 FULL C.C.W POSITION

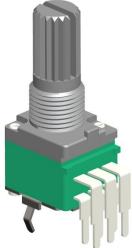
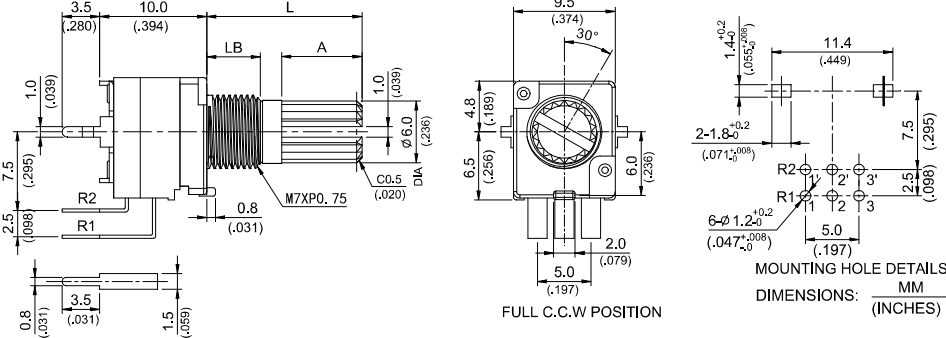
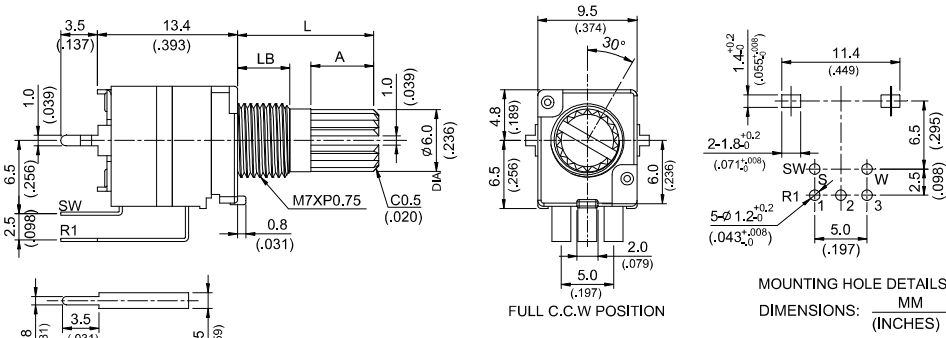
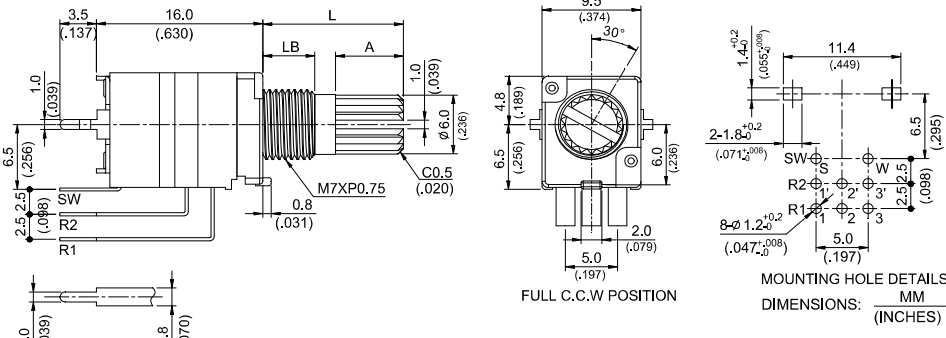
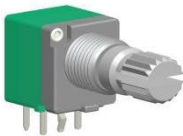
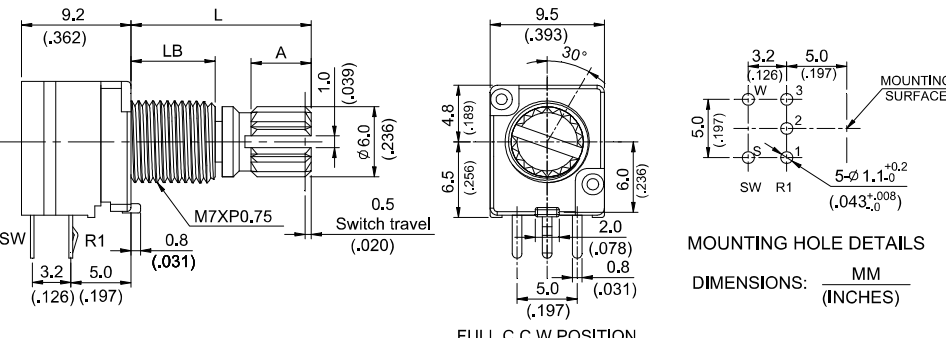


ROTARY TYPE POTENTIOMETER

9mm Size RK097 Series

09 型 RK097 系列

RK097 Series Dimensions

MODEL	DIMENNSIONS
 RK097GVA01	 FULL C.C.W POSITION MOUNTING HOLE DETAILS DIMENSIONS: $\frac{\text{MM}}{(\text{INCHES})}$
 RK097SNVA01	 FULL C.C.W POSITION MOUNTING HOLE DETAILS DIMENSIONS: $\frac{\text{MM}}{(\text{INCHES})}$
 RK097SGVA01	 FULL C.C.W POSITION MOUNTING HOLE DETAILS DIMENSIONS: $\frac{\text{MM}}{(\text{INCHES})}$
 RK097SNH05	 FULL C.C.W POSITION MOUNTING HOLE DETAILS DIMENSIONS: $\frac{\text{MM}}{(\text{INCHES})}$

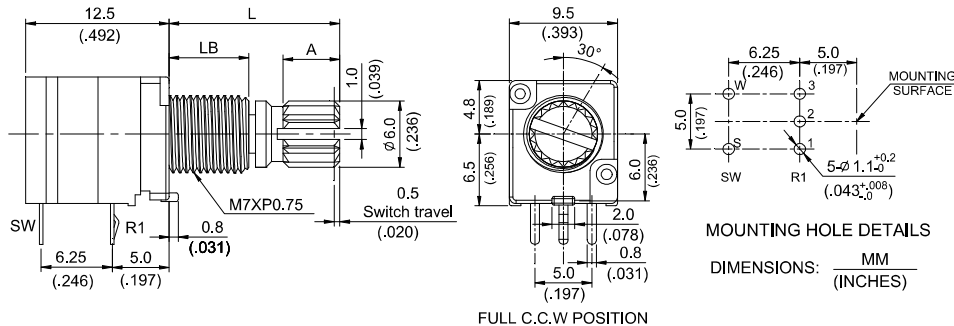
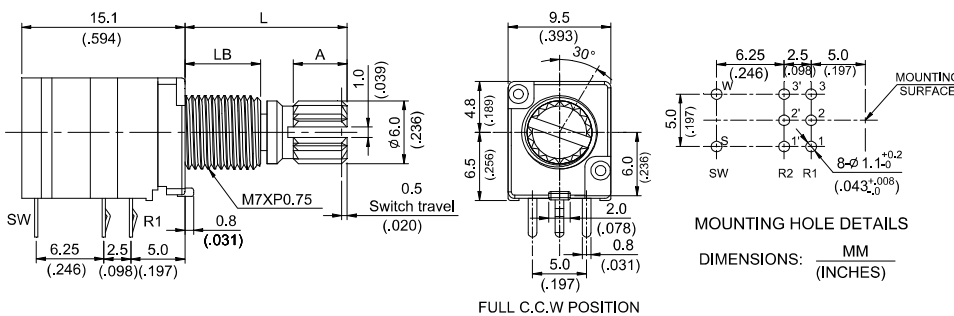
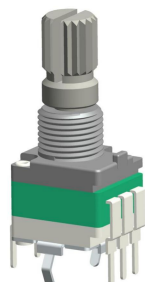
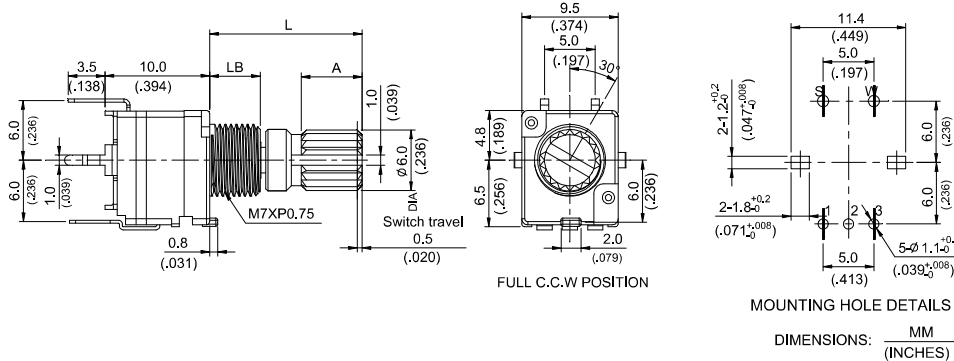
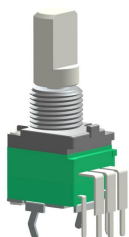
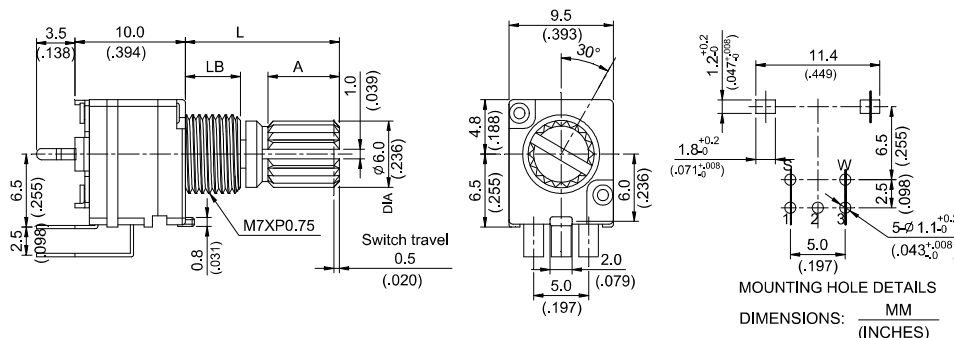


ROTARY TYPE POTENTIOMETER

9mm Size RK097 Series

09 型 RK097 系列

RK097 Series Dimensions

MODEL	DIMENNSIONS
 RK097SNH03	 FULL C.C.W POSITION
 RK097SGH03	 FULL C.C.W POSITION
 RK097SNVA02	 FULL C.C.W POSITION
 RK097SNVA03	 FULL C.C.W POSITION