

## Thermostat KSD301



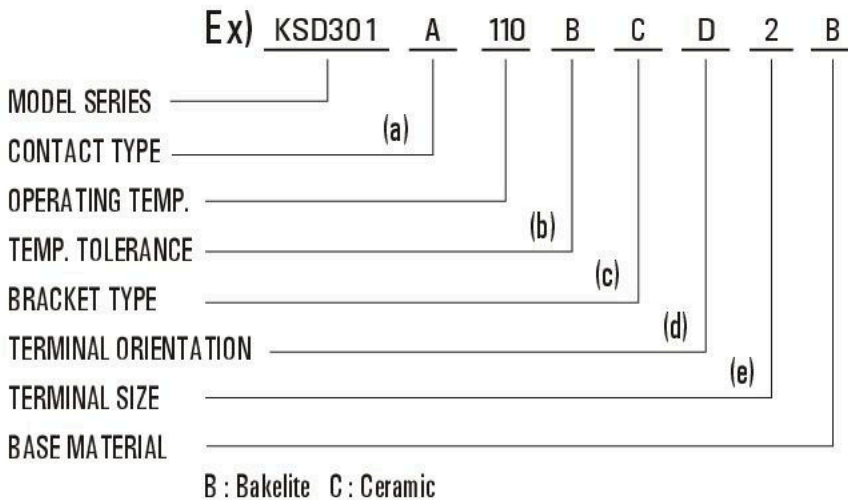
### SPECIFICATION

- Electrical Rating : 10A 250V AC (Resistive Load)
- Operating Temp : 50 ~ 175°C (UL.CUL 205°C)
- Differential : 10~30K (15K Standard)
- Temp. Tolerance : Operating Temp.±3K ±5K
- Heat Durability : 220°C Max. (PPS)
- Circuit Resistance : 50mΩ Max.
- Insulation Resistance : 100MΩ Min.at DC500V
- Dielectric Strength : AC 1000V for One Minute.  
or AC 1800V for One Second.
- Operating Life : 10000 Cycles 10A 250V AC



### HOW TO ORDER

#### MODEL CODE (FULL CODE)

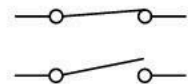


#### (a) CONTACT TYPE :

A = Contact Opens When Temperature Rises to Set Point (Normally Closed)

B = Contact Closes When Temperature Rises to Set Point (Normally Open)

M = Manual Reset



#### (b) TEMP. TOLERANCE : (\*=STANDARD)

Grade	A	*B
Action ± °C	3	5
Reset ± °C	4	8

• The Grade of Temp. Tolerance is "A", When The Operating Temp. is Less Than 105°C.

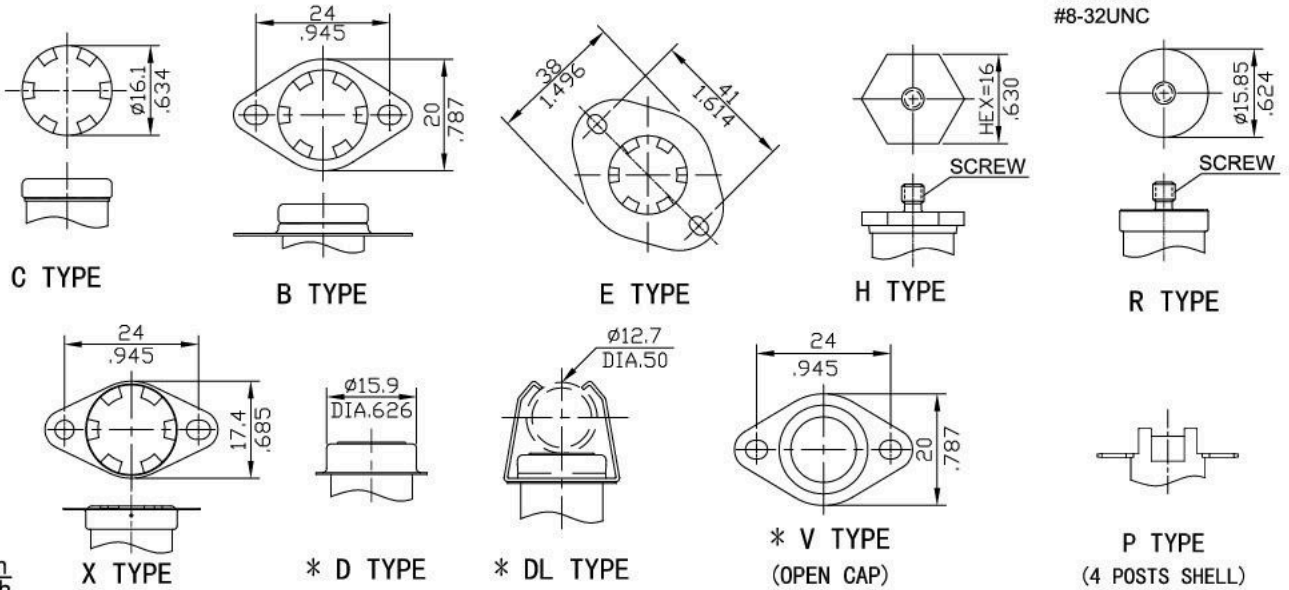
• The Grade of Temp. Tolerance is "B", When The Operating Temp. is Over 106°C.

**(c) BRACKET TYPE :**

● **FIXED BRACKET**

\* STAINLESS STEEL CAP : D,DL,V,T TYPE

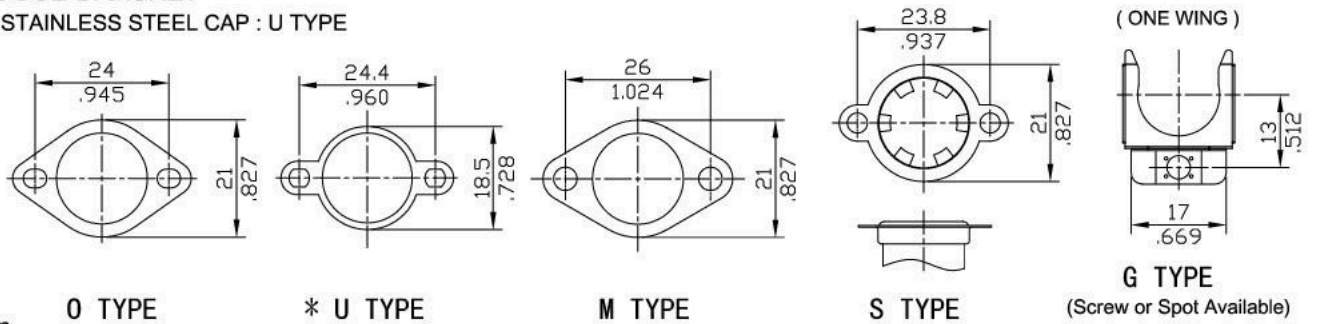
SCREW TYPE : M4x0.7 L:6mm (STD)  
M5x0.8 L:6mm (STD)  
#6-32UNC  
#8-32UNC



mm  
inch

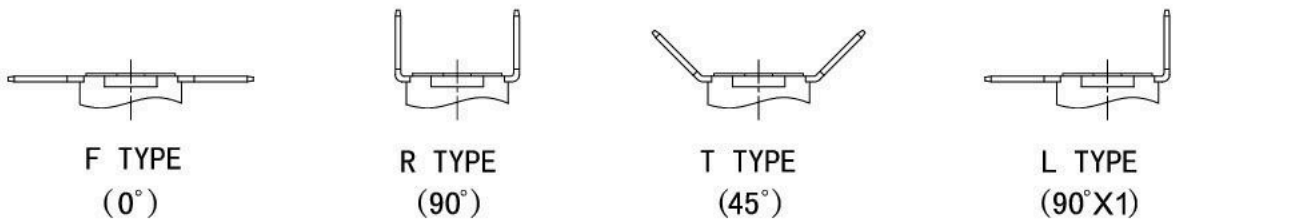
● **LOOSE BRACKET**

\* STAINLESS STEEL CAP : U TYPE

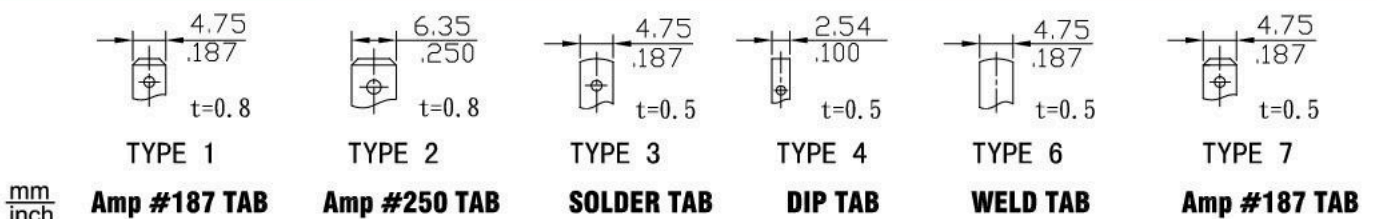


mm  
inch

**(d) TERMINAL ORIENTATION:**



**(e) TERMINAL SIZE:**



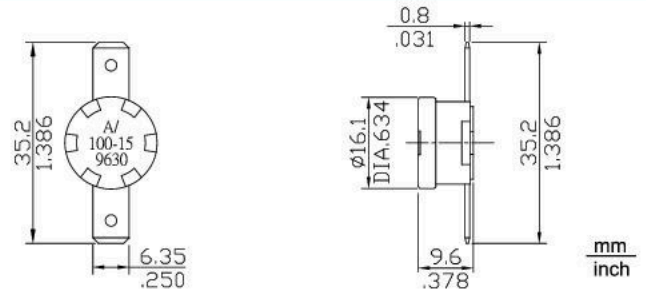
mm  
inch

**TYPE 1 Amp #187 TAB    TYPE 2 Amp #250 TAB    TYPE 3 SOLDER TAB    TYPE 4 DIP TAB    TYPE 6 WELD TAB    TYPE 7 Amp #187 TAB**

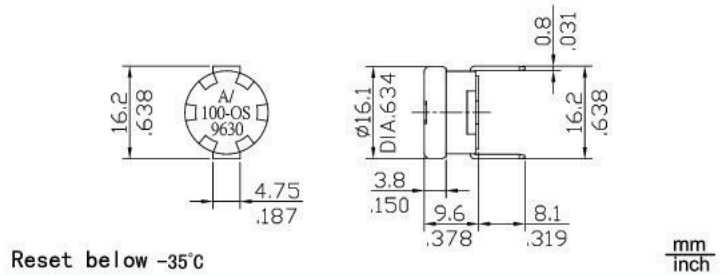
# Thermostat KSD301



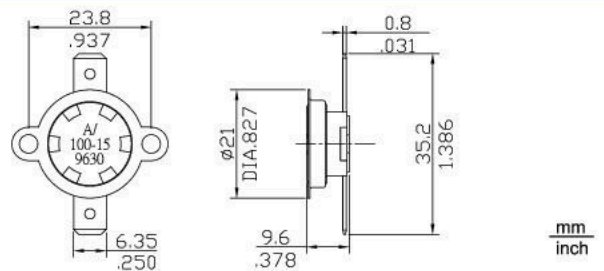
## KSD301A-CF2



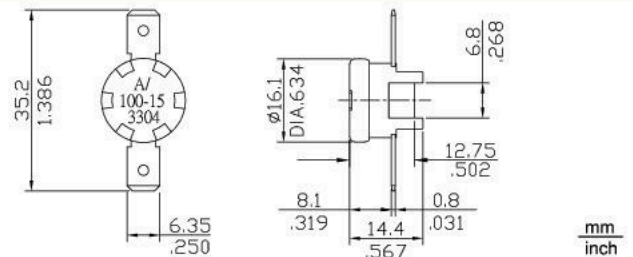
## KSD301A-CR1-OS(ONE SHOT)



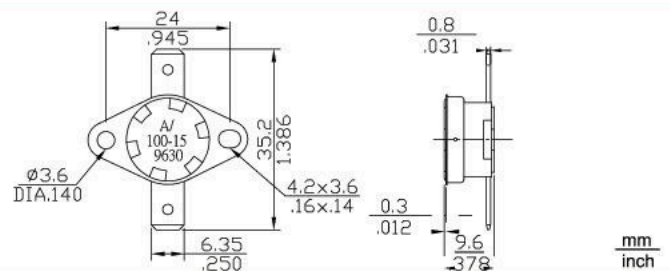
## KSD301A-SF2(LOOSE BRACKET)



## KSD301A-PF2(4-POST)



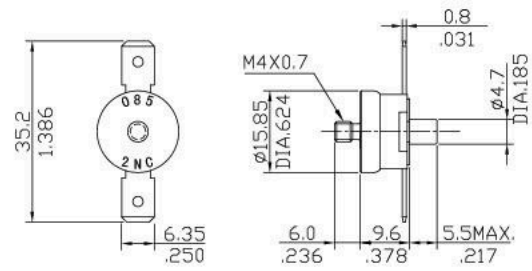
## KSD301A-XF2(FIX BRACKET)



# Thermostat KSD301

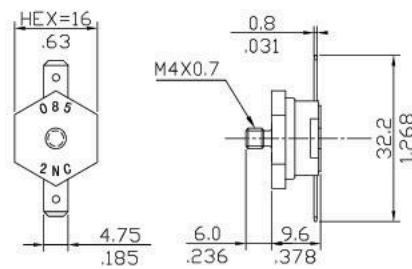


## KSD301M-RF2



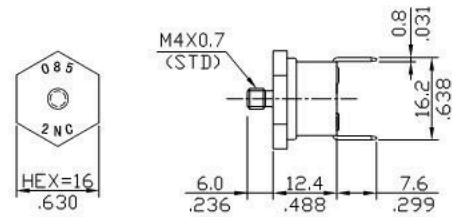
mm  
inch

## KSD301A-HF1



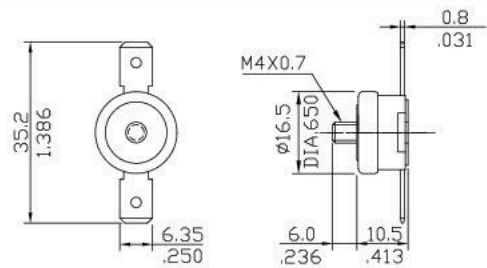
mm  
inch

## KSD301A-HR1



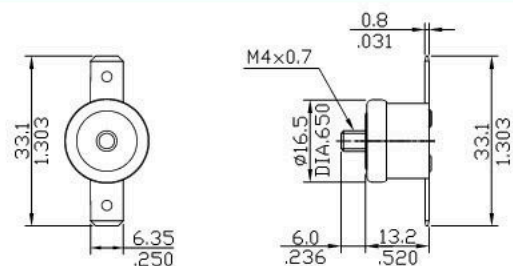
mm  
inch

## KSD301A-RF2-A



mm  
inch

## KSD301A-RF2-A



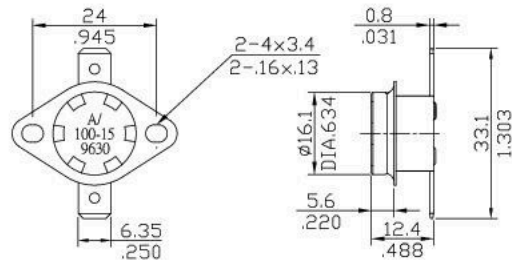
mm  
inch



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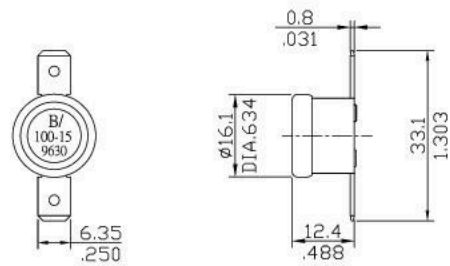


## KSD301A-BF2



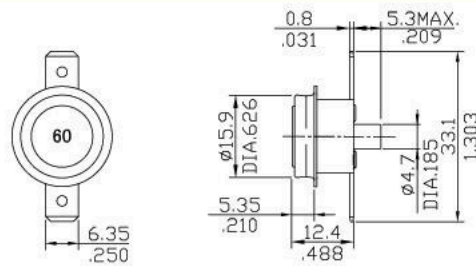
mm  
inch

## KSD301B-CF2



mm  
inch

## KSD301M-DF2

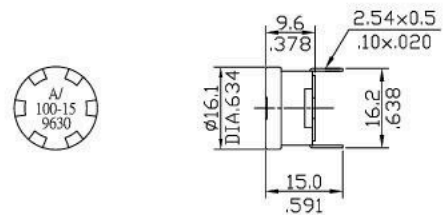


mm  
inch

## KSD301A-CR4

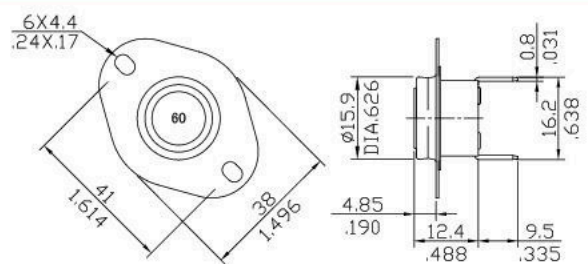


(FOR PCB)



mm  
inch

## KSD301A-DR2-E

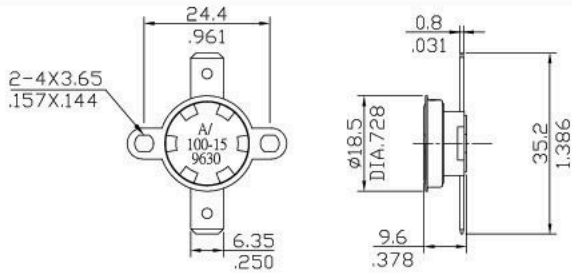


mm  
inch

# Thermostat KSD301

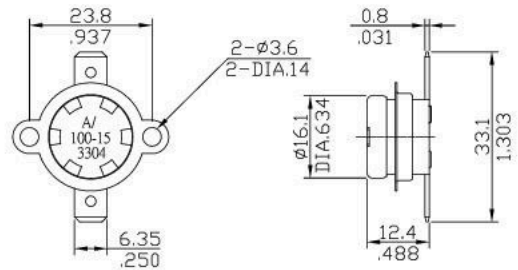


## KSD301 A-SF2-U



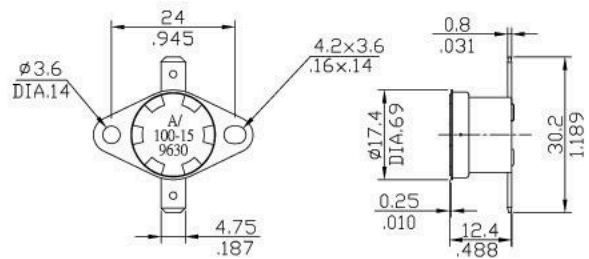
mm  
inch

## KSD301A-SF2(LOOSE BRACKET)



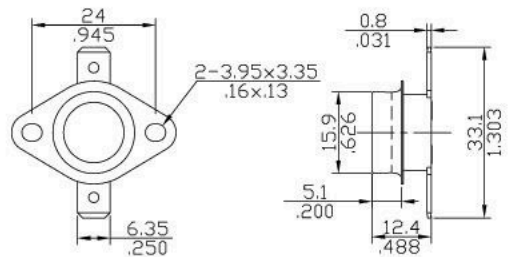
mm  
inch

## KSD301A-XF1(FIX BRACKET)



mm  
inch

## KSD301A-BF2-V(OPEN CAP)



mm  
inch