

# Thermostats

# 301 Series



## SPECIFICATION

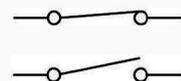
- Electrical Rating : 16A 125V AC (Resistive Load)  
10A 250V AC (Resistive Load)  
16A 250V AC (Resistive Load)
- Operating Temp : 50 ~ 175°C (UL.CUL 205°C)
- Differential : 10~30K (15K Standard)
- Temp. Tolerance : Operating Temp.±3K±5K
- Heat Durability : 220°C Max. (PPS)
- Circuit Resistance : 50mΩ Max.
- Insulation Resistance : 100MΩ Min.at DC500V
- Dielectric Strength : AC 1000V for One Minute.  
or AC 1800V for One Second.
- Operating Life : 100000 Cycles (16A 125V/10A 250V AC)  
10000 Cycles (16A 250V AC)

### (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.

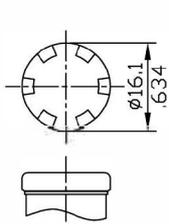
# 301 Series

## (c) BRACKET TYPE :

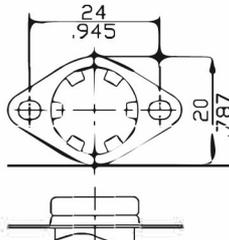
### ○ FIXED BRACKET

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

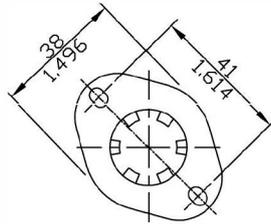
SCREW TYPE : M4x0.7 L:6mm (STD)  
M5x0.8 L:6mm (STD)  
#6-32UNC  
#8-32UNC



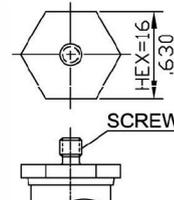
C TYPE



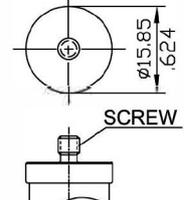
B TYPE



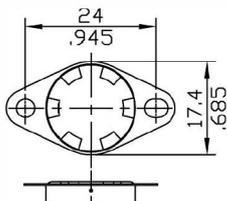
E TYPE



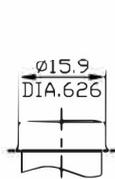
H TYPE



R TYPE



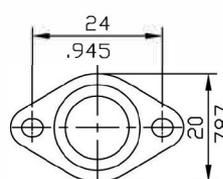
X TYPE



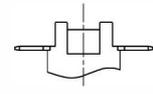
\* D TYPE



\* DL TYPE



\* V TYPE  
(OPEN CAP)

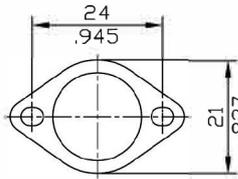


P TYPE  
(4 POSTS SHELL)

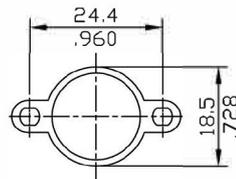
mm  
inch

### ○ LOOSE BRACKET

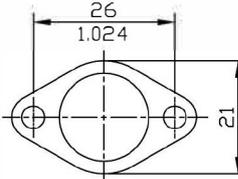
\* STAINLESS STEEL CAP : U TYPE



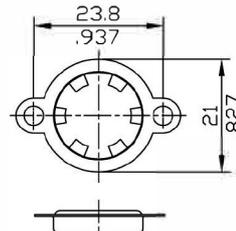
O TYPE



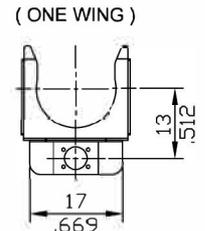
\* U TYPE



M TYPE



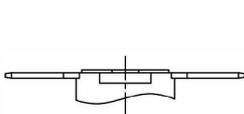
S TYPE



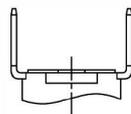
G TYPE  
(Screw or Spot Available)

mm  
inch

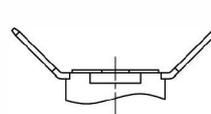
## (d) TERMINAL ORIENTATION:



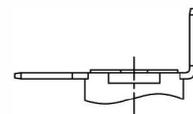
F TYPE  
(0°)



R TYPE  
(90°)

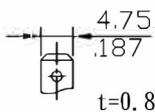


T TYPE  
(45°)



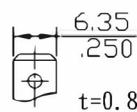
L TYPE  
(90°X1)

## (e) TERMINAL SIZE:



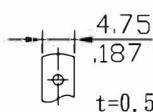
TYPE 1

Amp #187 TAB



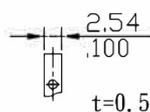
TYPE 2

Amp #250 TAB



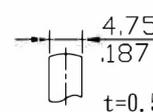
TYPE 3

SOLDER TAB



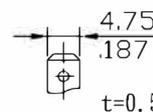
TYPE 4

DIP TAB



TYPE 6

WELD TAB



TYPE 7

Amp #187 TAB

mm  
inch

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