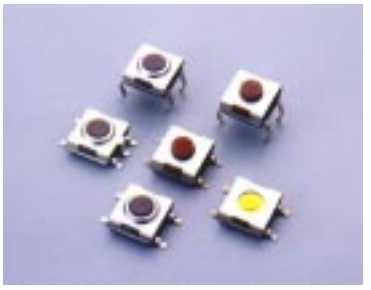
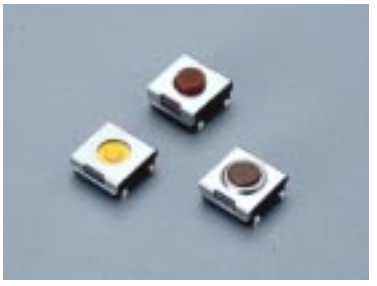
WASHABLE TACT SWITCH





SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.

FEATURES

- Sharp click feel with a positive tactile feedback.
- Ultraminiature structure suitable for high density mounting. Economic but high reliability.
- Insert molded contacts with special treatment prevents flux build-up during soldering and permits auto-dipping.
- Allows submersed washing after soldering.

MATERIALS

COVER: Stainless Steel.
TERMINALS: Brass with silver plating.
BASE: UL94V-0 Nylon, High Temperature Thermoplastic.
Color:Black

ITEM NO.	ADTSHW66N ADTSMW66N ADTSJW66N	ADTSHW68S ADTSMW68S ADTSJW68S
STEM	High-Temp. Thermoplastic Nylon UL 94V-0 Color: Brown(N), 160gf	None
ADHESIVE TAPE	TEFLON	TEFLON (Standard) KAPTON (V-option)
METAL STEM	Brass with Nickel plating	Brass with Nickel plating
FILLER	None	None
CONTACT	Phosphor bronze with silver cladding (Standard) Stainless steel (V-option)	

ITEM NO.	ADTS(H)MW69,65N (R)T ADTSJW69,65N (R)T	ADTS(H)MW67N(R)T ADTSJW67N(R)T
STEM	Silicone Rubber	Silicone Rubber
ADHESIVE TAPE	None	None
METAL STEM	None	None
FILLER	None	Nylon
CONTACT	Phosphor bronze with silver cladding(Standard) Stainless steel(V-option)	Stainless Steel

GENERAL SPECIFICATIONS

ELECTRICAL

Electrical life: 500,000 cycles for ADTS ☐ W 69, 67N(R)T, 65N(R)T, 64N(R)
100,000 cycles for ADTS ☐ W 66N,68S

Rating: 50 mA,12 VDC.
Contact resistance: 100 milliohms max.
Insulation resistance: 100 megohms min. 500 VDC.
Dielectric Strength: 250 VAC /1 minute.
Contact Arrangement: 1 pole 1 throw.

MECHANICAL

Stop Strength: 3kgf max, continuous vertical static load.

Stroke:

0.25	+ 0.2 mm - 0.1 mm	66N, 68S
0.6	± 0.2 mm	69, 67T
0.45	± 0.2 mm	69, 67, 65N(R), 65T, 64, J=64N(R)

Operation Temperature Range: -25ºC to +70ºC
Storage Temperature: -30ºC to +80ºC
Shock Resistance: 50G per method 213B, MIL - STD - 202F
Vibration Resistance: Passes method 201A, MIL - STD - 202F

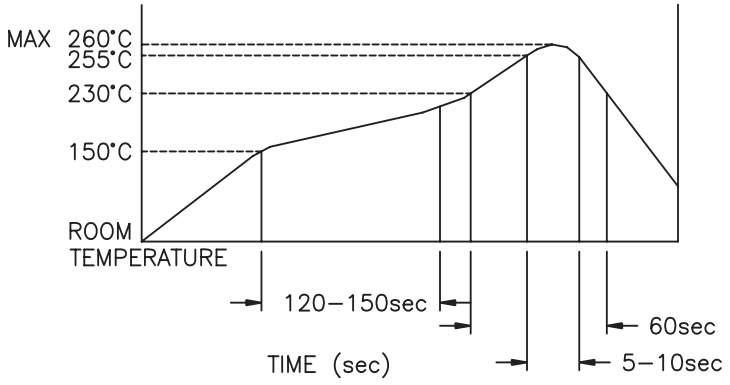
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SOLDERING PROCESSES

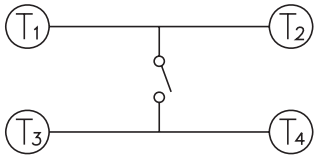
HAND SOLDERING: 350ºC max. for 5 seconds max. (30 watt iron max).

WAVE SOLDERING: 260ºC max. for 5 seconds max.

REFLOW SOLDERING: 255ºC max.(see profile)



CIRCUIT



HOW TO ORDER

A D T S ☐ **W** ☐ ☐ **V** ☐

☐ = Bulk (J Type only)
T/R = Tape & Reel
B = Tube Package

V = Lead Free Solderable

Color Of Stem For Operating Force:
N = Brown, 160gf (66N)
180gf (69N. 67N, 65N, 64)
S = Silver, 160gf
R = Red, 260gf
T = Transparent, 360gf (69T, 67T, 65T)

Dimension H:
64 = 4.5mm (N, R)
65 = 3.5mm (N, R, T)
66 = 3.1mm (N)
67 = 5.2mm (N, R, T)
68 = 2.3mm (S)
69 = 3.8mm (N, R, T)

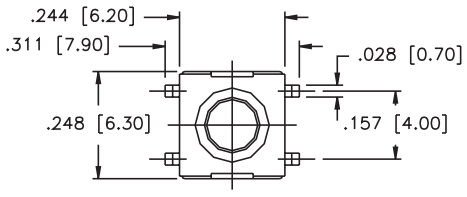
H: Through Hole Terminals
J: Surface Mounting Type
M: Surface Mounting Type

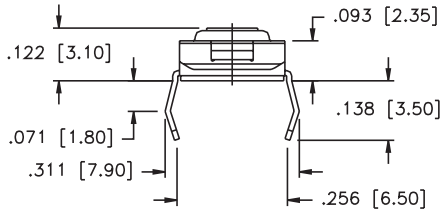
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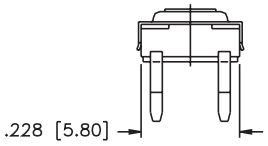
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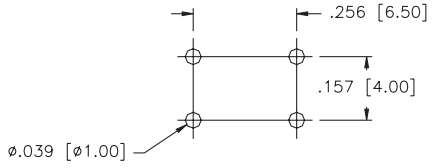
ADTSHW66







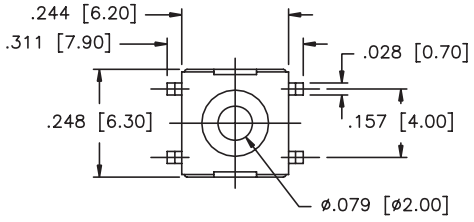


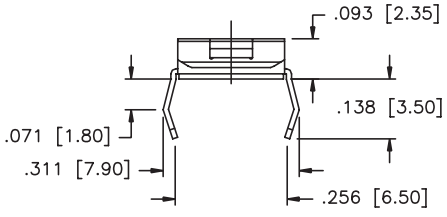


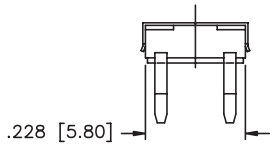
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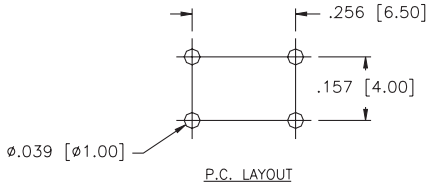
ADTSHW68







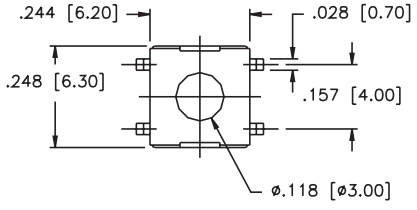


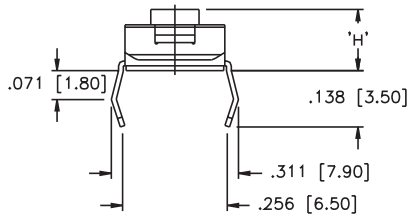


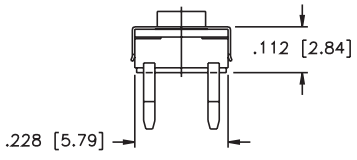
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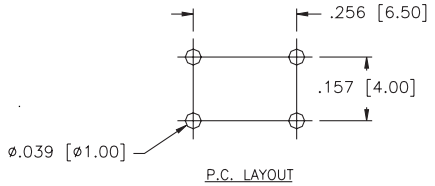
ADTSHW69
ADTSHW67
ADTSHW65
ADTSHW64







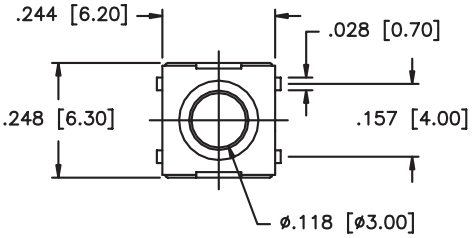


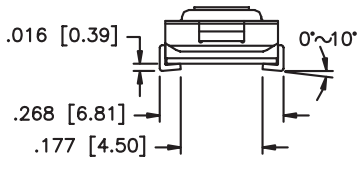


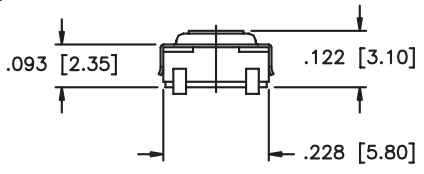
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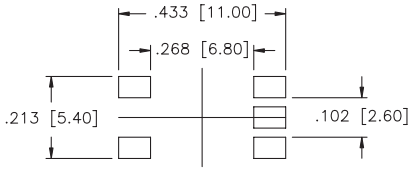
ADTSJW66







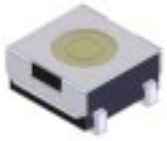


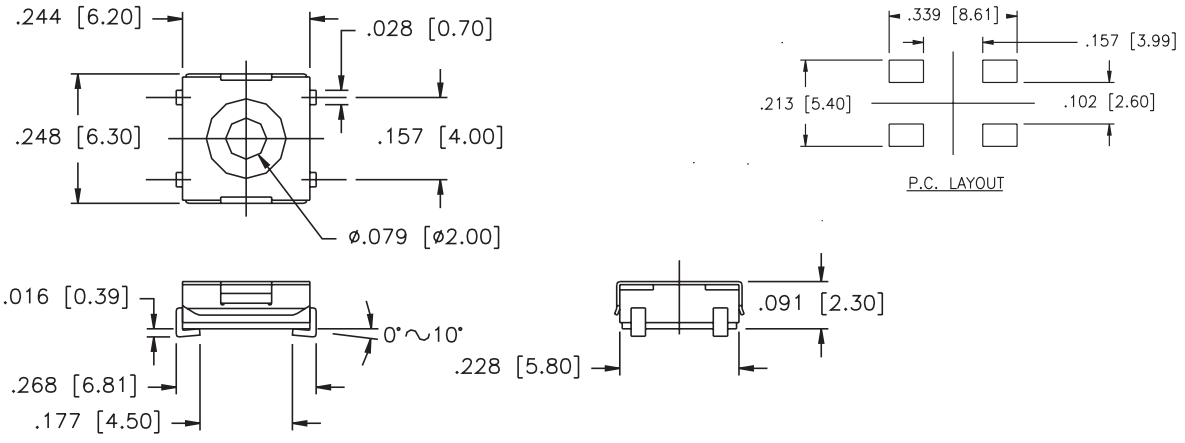


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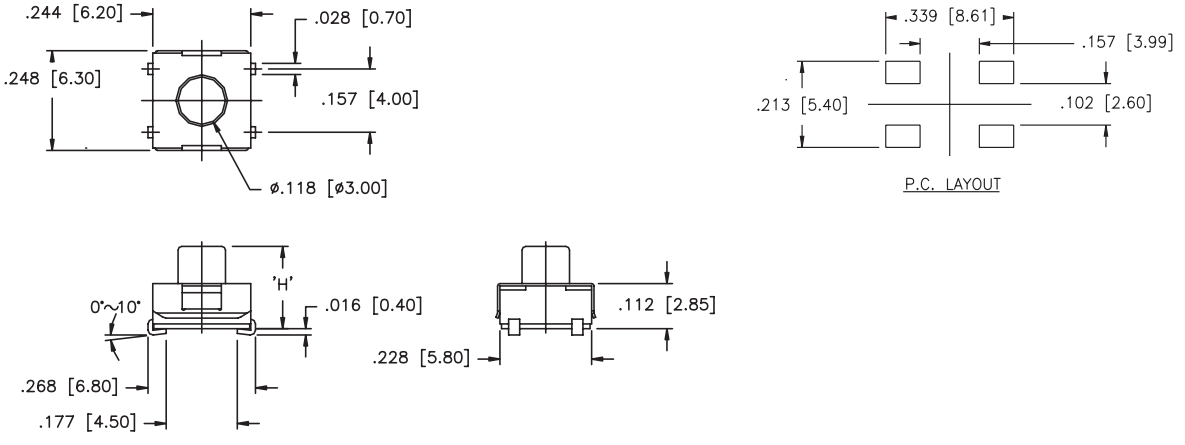
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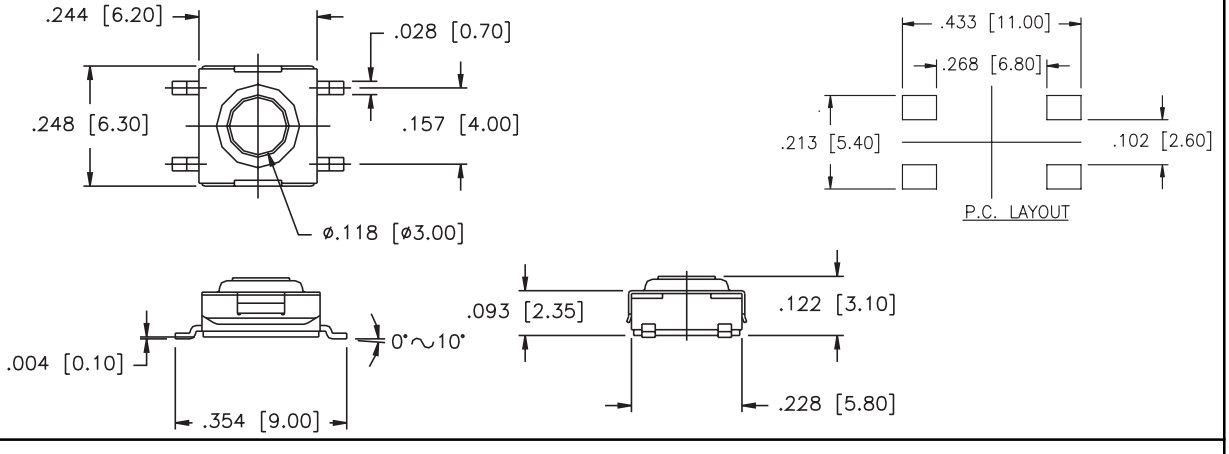
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ADTSJW67
ADTSJW65





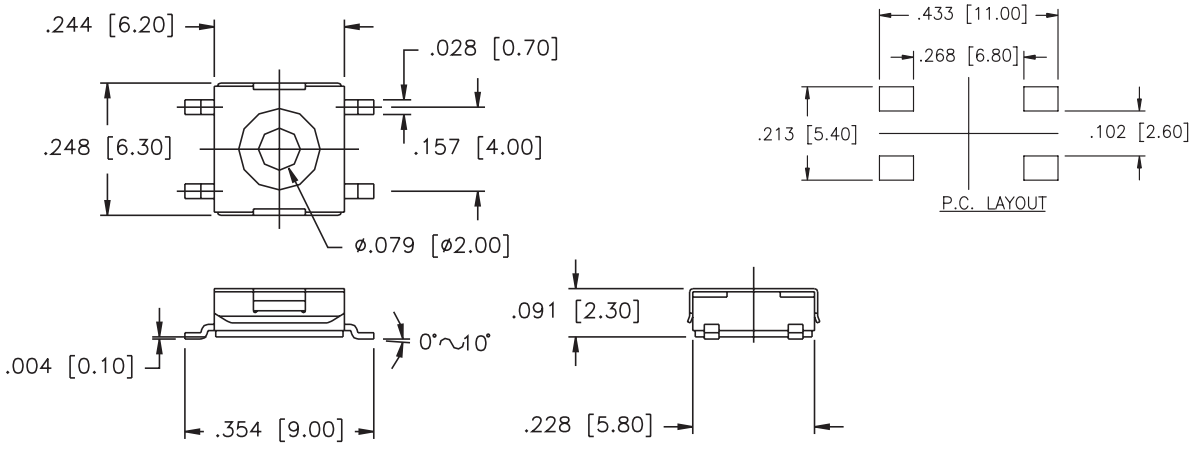
ADTSMW66





ADTSMW68



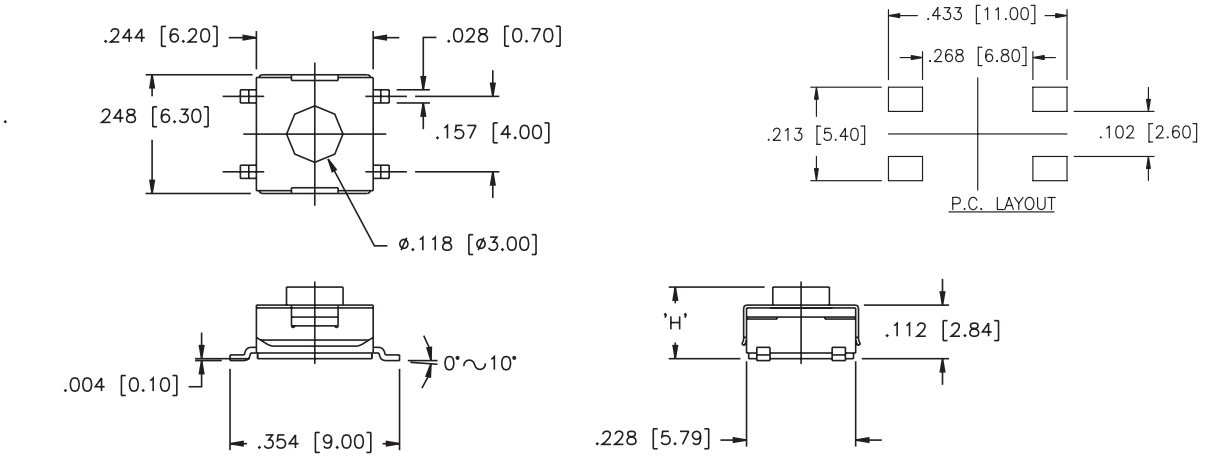


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ADTSMW65 ☐ -T/R: 1900 pcs/reel
ADTSMW66 ☐ -T/R: 2000 pcs/reel
ADTSMW67 ☐ -T/R: 900 pcs/reel
ADTSMW68 ☐ -T/R: 2000 pcs/reel
ADTSMW69 ☐ -T/R: 1900 pcs/reel

Tube: 75 pcs/tube
ADTSJW64 ☐ -T/R: 900 pcs/reel
ADTSJW65 ☐ -T/R: 1800 pcs/reel
ADTSJW66 ☐ -T/R: 1900 pcs/reel
ADTSJW67 ☐ -T/R: 900 pcs/reel
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