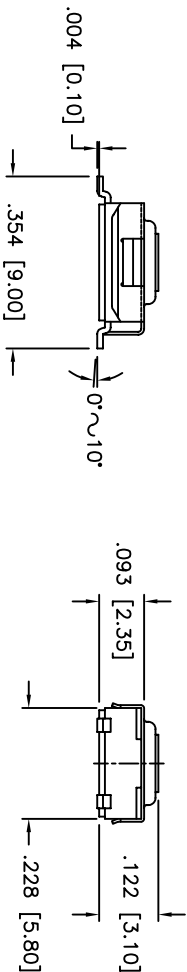
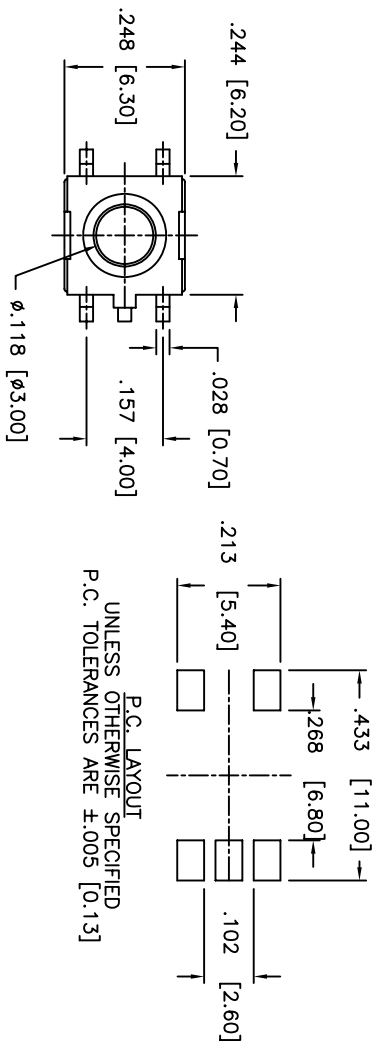
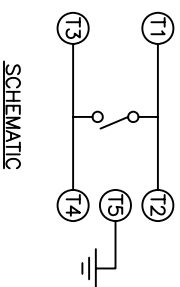


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SERIES ADTS GMW66NSVB
G = GROUNDING
M = SMT
W = WASHABLE
DIM 'H' =
ACTUATOR COLOR 66 = .122 [3.10], (N)
N = BROWN, 1609f
PACKAGING
□ = BULK
B = TUBE
TR = TAPE & REEL
V = LEAD FREE
S.S. DOME (1,000,000 CYCLES)



DATE	SYM	REVISION RECORD	DWN.	CK.
7/05	A	ECO# 443		PD
7/05	B	ECO# 447		PD
1/06	C	ECO# 526		CD
3/06	D	ECO# 555		CD
				PD

DESCRIPTION: SPST, NORMALLY OPEN, MOMENTARY, 6mm X 6mm, SURFACE MOUNT, WASHABLE, TACT SWITCH WITH GROUNDING PIN

SPECIFICATIONS:

CONTACT RATING: 50mA @ 12VDC
CONTACT RESISTANCE: 100mOHMS MAX.
INITIAL: 100 MOHMS MAX.

AFTER CYCLING: 10 OHMS MAX.
INSULATION RESISTANCE: 100MOHMS MIN. @ 500VDC

DIELECTRIC STRENGTH: 250VAC FOR 1 MINUTE
ELECTRICAL LIFE: 1,000,000 CYCLES MIN.
OPERATING TEMPERATURE RANGE: -25°C to +70°C

STOP STRENGTH: MAX 3kgf VERTICAL STATIC LOAD
CONT. FOR 15 SEC.

ACTUATION FORCE: SEE P/N DESCRIPTION
STORAGE TEMPERATURE RANGE: -30°C TO +80°C FOR 96 HRS

SHOCK RESISTANCE: 50G PER METHOD 213B, MIL-STD-202F
VIBRATION RESISTANCE: PASSES METHOD 201A, MIL-STD-202F

SOLDERING:

IR REFLOW: 255°C MAX.
HAND SOLDERING: 350°C MAX. FOR 5 SECONDS MAX.
(30 WATT IRON MAX.)

LEAD FREE PROCESS COMPATIBLE

MATERIALS:

BASE: THERMOPLASTIC UL94V-0, COLOR BLACK
ACTUATOR: THERMOPLASTIC UL94V-0

COVER: NICKEL SILVER
TERMINALS: SILVER PLATED BRASS

SHORTING CONTACT: STAINLESS STEEL WITH SILVER CLADDING
ROHS COMPLIANT

NOTE:

1. AFTER SOLDERING, RETURN SWITCHES TO NORMAL TEMPERATURE BEFORE WASHING.

Q.A. INSPECT.				P.D.	
DESIGNER'S INITIAL				BR.	TIM
DIMENSION				THIRD ANGLE PROJECTION	
TOLERANCES (UNLESS OTHERWISE SPECIFIED)					
.XX = ±.02 [0.05]					
.XXX = ±.008 [0.20]					
.XXXX = ±.0008 [0.02]					
ANGLE = 40.5°					
DO NOT SCALE					
DATE 7/8/05				DRAWING NO. ADTSMW66NSV*	
				REV D	

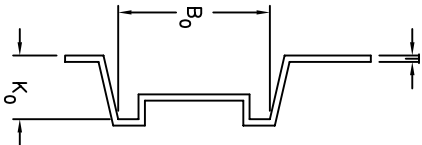
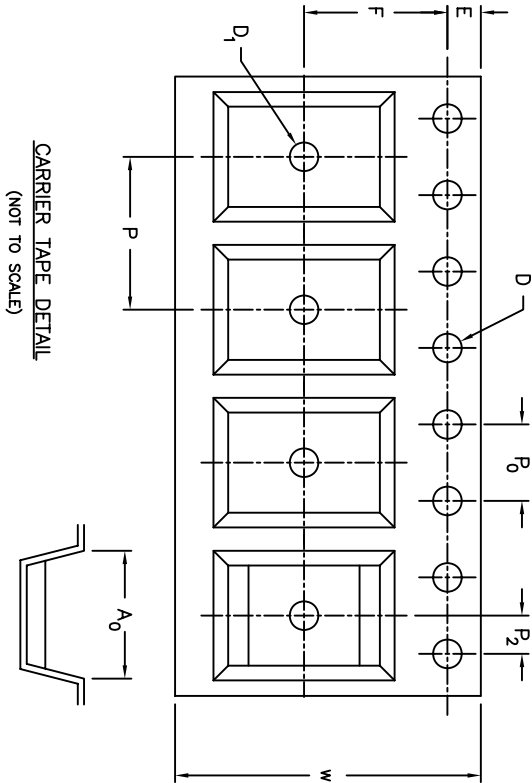
TITLE WASHABLE TACT SWITCH, SMT, GROUNDING



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DATE	SYM	REVISION RECORD	DWN.	CK.

SPEC.	P/N	DTSMW-66
W	$+ .012$ [0.30] $- .004$ [0.10]	.630 [16.00]
P	$+ .004$ [0.10] $- .004$ [0.10]	.315 [8.00]
E	$+ .004$ [0.10] $- .004$ [0.10]	.069 [1.75]
F	$+ .004$ [0.10] $- .004$ [0.10]	.295 [7.50]
D	$+ .004$ [0.10] $- .000$ [0.00]	.059 [1.50]
D ₁	$+ .010$ [0.25] $- .000$ [0.00]	.059 [1.50]
P ₀	$+ .004$ [0.10] $- .004$ [0.10]	.157 [4.00]
P ₀ 10	$+ .008$ [0.20] $- .008$ [0.20]	1.575 [40.00]
P ₂	$+ .004$ [0.10] $- .004$ [0.10]	.079 [2.00]
A ₀	$+ .004$ [0.10] $- .004$ [0.10]	.270 [6.78]
B ₀	$+ .004$ [0.10] $- .004$ [0.10]	.373 [9.47]
K ₀	$+ .004$ [0.10] $- .004$ [0.10]	.158 [4.01]
T	$+ .0005$ [0.013] $- .0005$ [0.013]	.013 [0.33]



QA INSPECT △	DESIGNATES CRITICAL DIMENSION	TOLERANCES (DRAWN AS NOTED) XX=±.02[0.05] XXX=±.008[0.20] XXXX=±.0008[0.02] ANGLE = ±0.5°					DATE 7/8/05	DRAWING NO. ADTSMW66NSV*	REV D
		SHEET 2 OF 2		SIZE B	SCALE 4:1	THIRD ANGLE PROJECTION 	PRN. PUD BR. TIM		
TITLE WASHABLE TACT SWITCH, SMT, GROUNDING									