

Excellent Integrated System Limited

Stocking Distributor

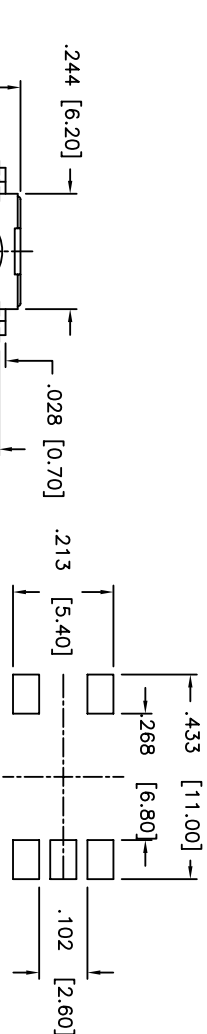
Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Apem Inc.](#)
[ADTSGMW66NSVTR](#)

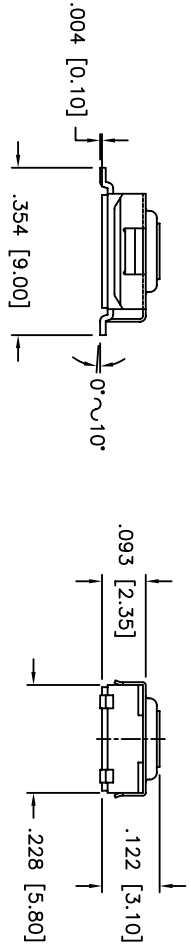
For any questions, you can email us directly:
sales@integrated-circuit.com

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DATE	S/N	REVISION RECORD	DRAWN	CK
7/05	A	ECO# 443	PD	
7/05	B	ECO# 447	PD	
1/06	C	ECO# 526	GD	
3/06	D	ECO# 555	CD	PD



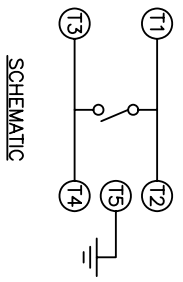
P.C. LAYOUT
 UNLESS OTHERWISE SPECIFIED
 P.C. TOLERANCES ARE ±.005 [0.13]



ADTSGMW66NSVTR
 SERIES: _____
 G = GROUNDING
 M = SMT
 W = WASHABLE
 DIM "H"
 ACTUATOR COLOR
 N = BROWN, 1609f

PACKAGING
 □ = BULK
 B = TUBE
 TR = TAPE & REEL
 V = LEAD FREE

S.S. DOME (1,000,000 CYCLES)



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

ACTUATION FORCE: SEE P/N DESCRIPTION
 CONT. FOR 15 SEC.
 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.
 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

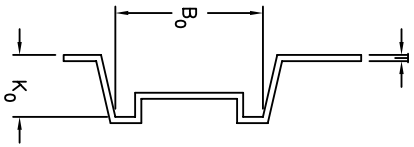
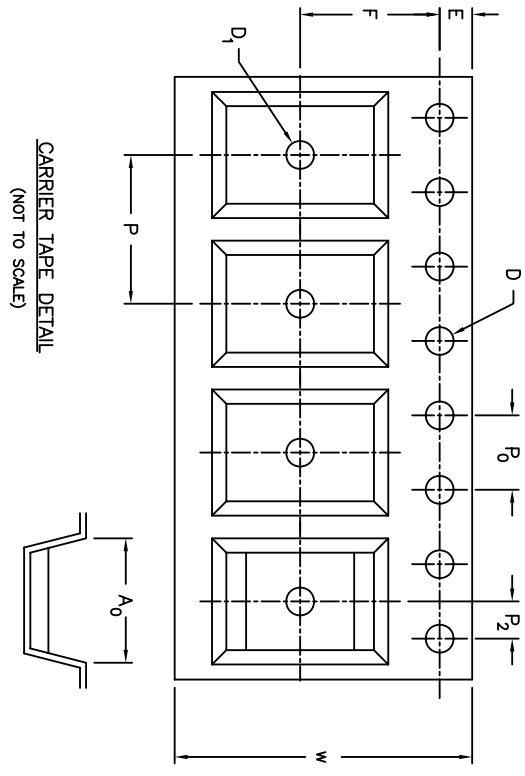
NOTE:
 1. AFTER SOLDERING, RETURN SWITCHES TO NORMAL TEMPERATURE BEFORE WASHING.

Q.A. INSPECT	DESIGNERS CIRCUIT	DATE	DRAWING NO.
APEM	7/8/05	ADTSGMW66NSV*	
TOLERANCES (UNLESS OTHERWISE SPECIFIED)	SIZE	SCALE	THIRD ANGLE PROJECTION
.XXX = ±.02 [0.05] .XXX = ±.008 [0.20] .XXX = ±.0008 [0.02] ANGLE = ±0.5°	1 OF 2	4:1	
DO NOT SCALE DRAWING			

1 2 3 4 5 6 7 8

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SPEC.	P/N	DTSMW-66
W	+0.012 [0.30] -0.004 [0.10]	.630 [16.00]
P	+0.004 [0.10] -0.004 [0.10]	.315 [8.00]
E	+0.004 [0.10] -0.004 [0.10]	.069 [1.75]
F	+0.004 [0.10] -0.004 [0.10]	.295 [7.50]
D	+0.004 [0.10] -0.004 [0.00]	.059 [1.50]
D ₁	+0.010 [0.25] -0.000 [0.00]	.059 [1.50]
P ₀	+0.004 [0.10] -0.004 [0.10]	.157 [4.00]
P ₀ 10	+0.008 [0.20] -0.008 [0.20]	1.575 [40.00]
P ₂	+0.004 [0.10] -0.004 [0.10]	.079 [2.00]
A ₀	+0.004 [0.10] -0.004 [0.10]	.270 [6.78]
B ₀	+0.004 [0.10] -0.004 [0.10]	.373 [9.47]
K ₀	+0.004 [0.10] -0.004 [0.10]	.158 [4.01]
T	+0.0005 [0.013] -0.0005 [0.013]	.013 [0.33]



DATE	S/M	REVISION RECORD	D/W/L	C/K

Q.A. INSPECT	DESIGNER'S CIRCUL	DATE	DRAWING NO.
		7/8/05	ADTSGMW66NSV*
TOLERANCES (UNLESS OTHERWISE SPECIFIED)	INCH	SHEET	SIZE
.XXX = ±.02 [0.05] .XXXX = ±.008 [0.20] XXXXX = ±.0008 [0.02] ANGLE = ±0.5°	2 OF 2	B	4:1
TITLE		SCALE	THIRD ANGLE PROJECTION
WASHABLE TACT SWITCH, SMT, GROUNDING		4:1	
DO NOT SCALE	DATE	DRAWING NO.	REV
	7/8/05	ADTSGMW66NSV*	D



63 Mark 66
 14-378-372-1602
 FOR 378-372-5534

PK: PJD
 BR: TIM