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DATE	SYM	REVISION RECORD	DWN.	CK.
10/05	A	ECO# 483	CD	PD
2/07	B	ECO# 628	CD	PD

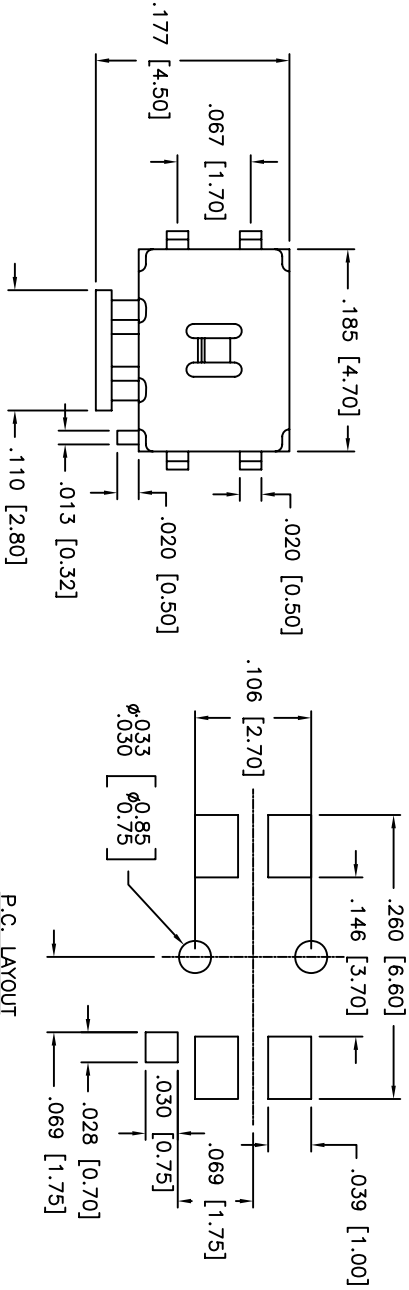
DESCRIPTION: SPST, MINIATURE SIDE PUSH SWITCH WITH P.C. LOCATING PINS AND SMT GULLWING TERMINALS.

SPECIFICATIONS:

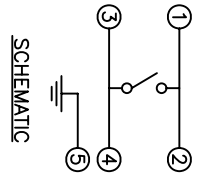
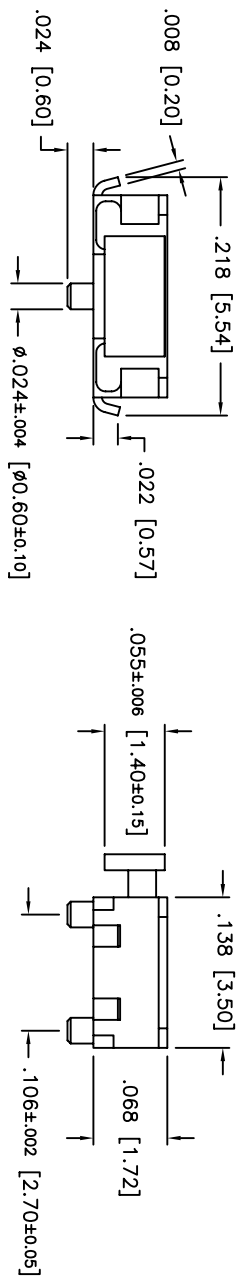
CONTACT RATING: 50mA @ 12VDC
INSULATION RESISTANCE: 100 MOHMS MIN. (500VDC)
DIELECTRIC STRENGTH: 100VAC FOR 1 MINUTE
CONTACT RESISTANCE: 100 MOHMS MAX.
SHOCK RESISTANCE: 50G PER METHOD 213B.
MIL-STD-202F
VIBRATION RESISTANCE: PASSES METHOD 201A.
MIL-STD-202F
ELECTRICAL LIFE:
100,000 CYCLES MIN.
OPERATING FORCE: 220gf ± 70 gf
TRAVEL: 0.30 ± 0.15 mm
OPERATING TEMP. RANGE: -25°C TO +70°C
STORAGE TEMP. RANGE: -30°C TO +80°C
MATERIALS

COVER: STAINLESS STEEL.
CONTACT DISK: STAINLESS STEEL.
TERMINAL: BRASS WITH SILVER PLATING.
BASE: LCP HIGH-TEMP. THERMOPLASTIC.
COLOR: BLACK.
STEM: LCP HIGH-TEMP. THERMOPLASTIC.
COLOR: BLACK.

ROHS COMPLIANT
LEAD FREE PROCESS COMPATIBLE
HAND SOLDERING: 30 WATT IRON AT 350°C FOR 5 SECONDS
IR REFLOW: 255°C MAX



P.C. LAYOUT
UNLESS OTHERWISE SPECIFIED
P.C. TOLERANCES ARE $\pm .002$ [0.05]



SCHEMATIC

Q.A. INSPECT.		DESIGNATES CRITICAL DIMENSION		TOLERANCES (UNLESS OTHERWISE SPECIFIED)		ANGLE = 30.5°	
APC		63 Neck Rd. 01850 North Attleboro, MA 01960		1 OF 1		SIZE	
TITLE		TINY SIDE PUSH SWITCH		SCALE		THIRD ANGLE PROJECTION	
DATE		12/16/04		DRAWING NO.		REV	
		B7626					

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DATE	SYM	REVISION RECORD	DWN.	CK.

DESCRIPTION: SPST, MINIATURE SIDE PUSH SWITCH WITH P.C. LOCATING PINS AND SMT GULLWING TERMINALS.

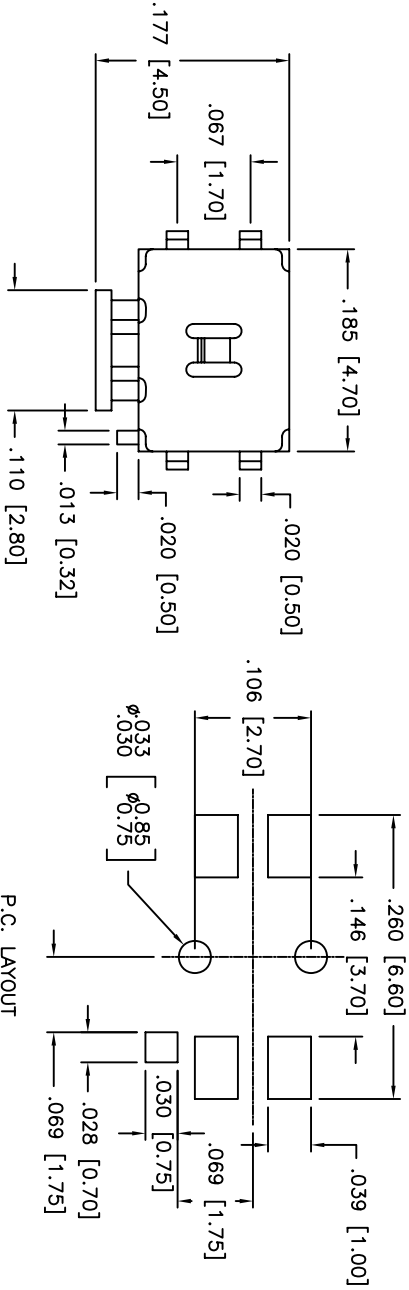
SPECIFICATIONS:

CONTACT RATING: 50mA @ 12VDC
INSULATION RESISTANCE: 100 MOHMS MIN.
(500VDC)
DIELECTRIC STRENGTH: 100VAC FOR 1 MINUTE
CONTACT RESISTANCE: 100. MOHMS MAX.
SHOCK RESISTANCE: 50G PER METHOD 213B.
MIL-STD-202F
VIBRATION RESISTANCE: PASSES METHOD 201A.
MIL-STD-202F

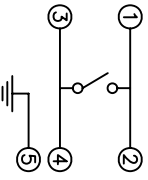
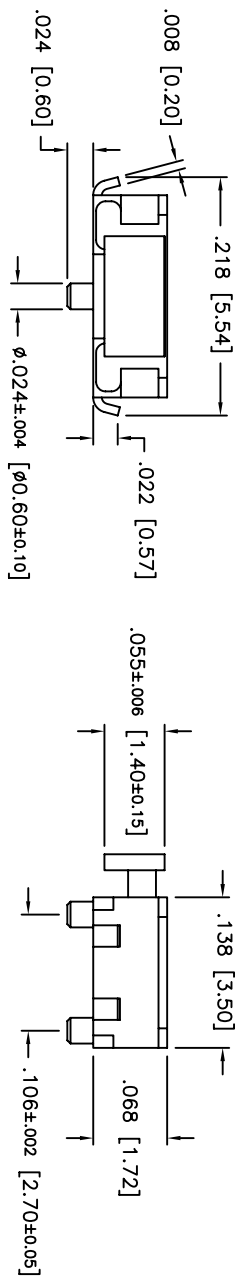
ELECTRICAL LIFE:
100,000 CYCLES MIN.
OPERATING FORCE: 160±50gf
TRAVEL: .008±.004
OPERATING TEMP. RANGE: -25°C TO +70°C
STORAGE TEMP. RANGE: -30°C TO +80°C
MATERIALS

COVER: STAINLESS STEEL.
CONTACT DISK: STAINLESS STEEL.
TERMINAL: BRASS WITH SILVER PLATING.
BASE: LCP HIGH-TEMP. THERMOPLASTIC,
COLOR: BLACK.
STEM: LCP HIGH-TEMP. THERMOPLASTIC,
COLOR: BLACK.

ROHS COMPLIANT
LEAD FREE PROCESS COMPATIBLE
HAND SOLDERING: 30 WATT IRON AT 350°C
FOR 5 SECONDS
IR REFLOW: 255°C MAX



P.C. LAYOUT
UNLESS OTHERWISE SPECIFIED
P.C. TOLERANCES ARE ±.002 [0.05]



SCHEMATIC

Q.A. INSPECT.		DESIGNATES CRITICAL		TOLERANCES (UNLESS AS NOTED) .XX=±.02[0.05] .XXX=±.008[0.20] .XXXX=±.0008[0.02] ANGLE = 30.5°	
APPEM		63 Neck Rd. Haverhill, MA 01830 Tel: 978-372-1554 Fax: 978-372-1554		DRN. CJD BR. PJD	
JUNCL		SHEET 1 OF 1		SIZE 9:1	
TITLE		TINY SIDE PUSH SWITCH		THIRD ANGLE PROJECTION	
DATE		10/5/05		DRAWING NO. APTCLCTR	
DO NOT SCALE		DRAWING		REV A	

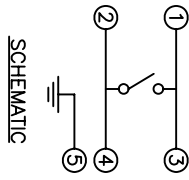
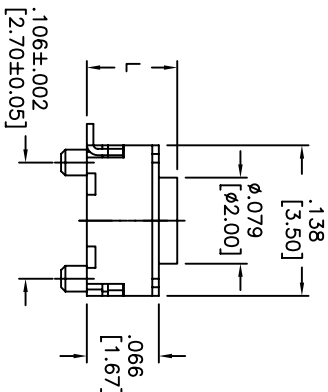
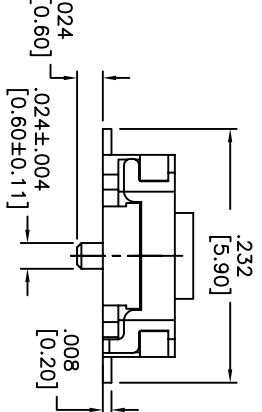
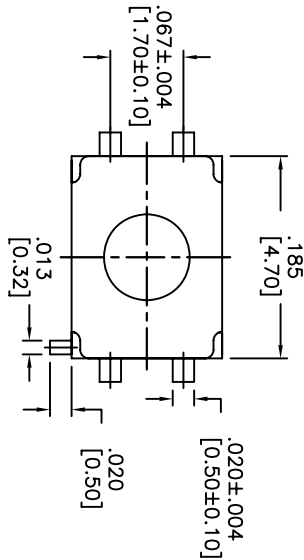
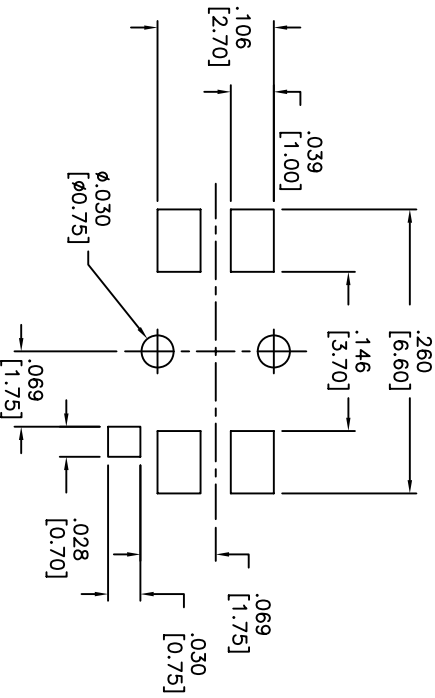
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DATE	SYM	REVISION RECORD	DWN.	CK.

DESCRIPTION: SPST, MINIATURE VERTICAL PUSH SWITCH WITH P.C. LOCATING PINS AND SMT SPECIFICATIONS:

CONTACT RATING: 50mA @ 12VDC
INSULATION RESISTANCE: 100 MOHMS MIN. (500VDC)
DIELECTRIC STRENGTH: 250VAC FOR 1 MINUTE
CONTACT RESISTANCE: 100 MOHMS MAX.
SHOCK RESISTANCE: 50G PER METHOD 213B.
MIL-STD-202F
VIBRATION RESISTANCE: PASSES METHOD 201A.
MIL-STD-202F
ELECTRICAL LIFE:
100,000 CYCLES MIN.
OPERATING FORCE: 160±50gf
TRAVEL: .008±.004
OPERATING TEMP. RANGE: -25°C TO +70°C
STORAGE TEMP. RANGE: -30°C TO +80°C
MATERIALS
COVER: STAINLESS STEEL.
CONTACT DISK: STAINLESS STEEL.
TERMINAL: BRASS WITH SILVER PLATING.
BASE: LCP HIGH-TEMP. THERMOPLASTIC,
COLOR: BLACK.
STEM: LCP HIGH-TEMP. THERMOPLASTIC,
COLOR: BLACK.
ROHS COMPLIANT
LEAD FREE PROCESS COMPATIBLE
HAND SOLDERING: 30 WATT IRON AT 350°C
FOR 5 SECONDS
IR REFLOW: 255°C MAX

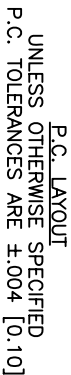
P.C. LAYOUT
UNLESS OTHERWISE SPECIFIED
P.C. TOLERANCES ARE ±.004 [0.10]



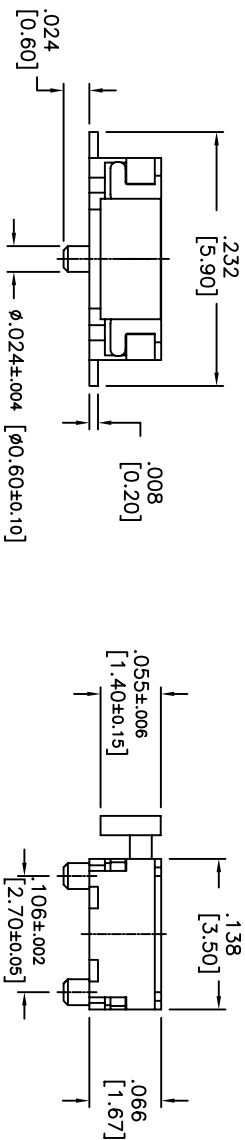
PART NO.	1	2
APTICFGP1V	.0827	[2.100]
APTICFGP2V	.0984	[2.50]

Q.A. INSPECT.		DESIGNATES CRITICAL DIMENSION		TOLERANCES (UNLESS OTHERWISE SPECIFIED)		TITLE		DATE		DRAWING NO.		REV.	
APM		63 Neck Rd. 01855 Haverhill, MA 01855 Tel: 978-372-3534 Fax: 978-372-3534		1/16" (MIN)		TINY VERTICAL PUSH SWITCH		7/7/05		APTICFGP*V		A	

DATE	SYM	REVISION RECORD	DWN.	CK.



FOR 5 SECONDS
IR REFLOW: 255°C MAX



QA INSPECT: 		DN: CJD BY:	
DESIGNER'S CRITICAL DIMENSION		CHK: PJD BY:	
TOLERANCES (except as noted) .XX $\pm$.02 [.05] .XX $\pm$.008 [.02] .XXXX $\pm$.0008 [.02] ANGLE = $\pm 0.5^\circ$		ES: Mock RD HOOPERVILLE, PA 01835 TEL: 978-732-1602 FAX: 978-732-5534	
TITLE TINY SIDE PUSH SWITCH		SHEET 1 OF 1 SIZE B SCALE 9:1	
DATE 7/7/05		DRAWING NO. APTCFV	
DO NOT SCALE DRAWING		REV A	

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Apem:](#)

[APTCFP1VTR](#) [APTCFP2VTR](#) [APTCLGVTR](#) [APTCLVTR](#) [APTFGP1VTR](#) [APTFGP2VTR](#) [APTFP1VTR](#)
[APTFP2VTR](#) [APTLGVTR](#) [APTLVTR](#) [APTCLGTVTR](#)