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

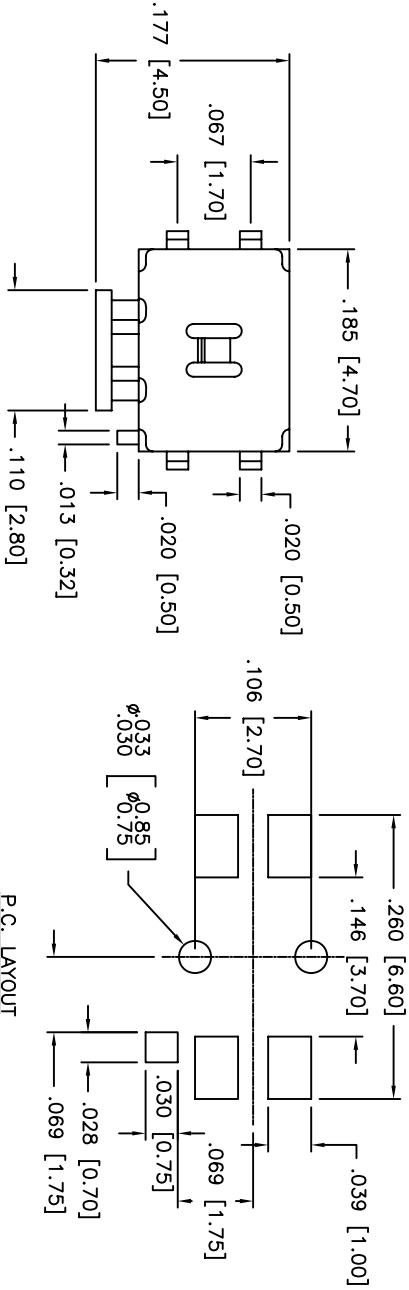
DESCRIPTION: SPST, MINIATURE SIDE PUSH SWITCH WITH P.C. LOCATING PINS AND SMT GULLWING TERMINALS.

SPECIFICATIONS:

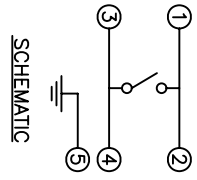
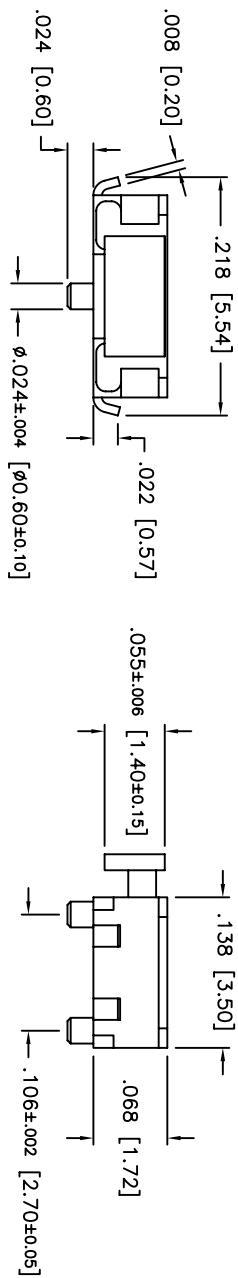
CONTACT RATING: 50mA @ 12VDC
INSULATION RESISTANCE: 100 MOHMS MIN. (500VDC)
DIELECTRIC STRENGTH: 100VAC FOR 1 MINUTE
CONTACT RESISTANCE: 100 MOHMS MAX.
SHOCK RESISTANCE: 50G PER METHOD 213B.
MIL-STD-202F
VIBRATION RESISTANCE: PASSES METHOD 201A.
MIL-STD-202F
ELECTRICAL LIFE:
100,000 CYCLES MIN.
OPERATING FORCE: 220gf $\pm$ 70gf
TRAVEL: 0.30 $\pm$ 0.15mm
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

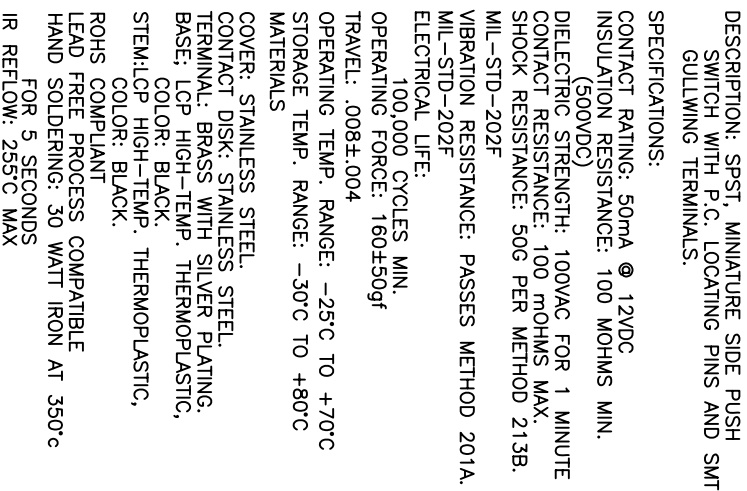


P.C. LAYOUT
UNLESS OTHERWISE SPECIFIED
P.C. TOLERANCES ARE $\pm$.002 [0.05]



SCHEMATIC

Q.A. INSPECT.		DESIGNATES CRITICAL DIMENSION		TOLERANCES (UNLESS OTHERWISE SPECIFIED)		ANGLE = 40.5°	
APPEM		63 Neck Rd. 01850 Haverhill, MA 01850		1 OF 1		B	
TITLE		TINY SIDE PUSH SWITCH		SIZE		9:1	
APTCLGTR		THIRD ANGLE PROJECTION		SCALE		-	
DATE		12/16/04		DRAWING NO.		B7626	
DO NOT SCALE DRAWING							



0.6 INSECT. △		DESIGNATES OPTICAL DIMENSION		 0.3 INCH. BD. 01935 141-978-372-1602 141-978-372-5534		DEN. C/J.D Bt: _____ Ck: P.J.D Bt: _____
TOLERANCES (except as noted) XXX±.002(0.02) XXX±.004(0.02) XXX±.008(0.02) XXX±.0008(0.001)		INCH (MM) 1 OF 1	SHEET	SIZE	SCALE	THIRD ANGLE PROJECTION
TITLE TINY SIDE PUSH SWITCH		B		9:1	 	
DO NOT SCALE DRAWING	DATE 10/5/05	DRAWING NO. APTCLGTR		REV A		

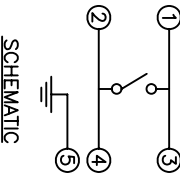
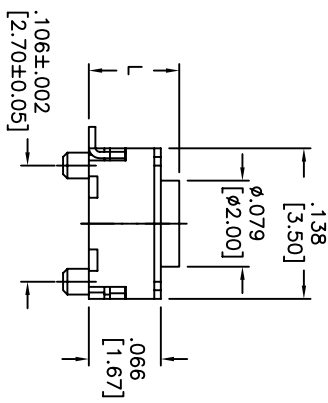
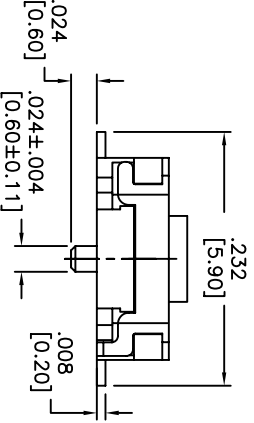
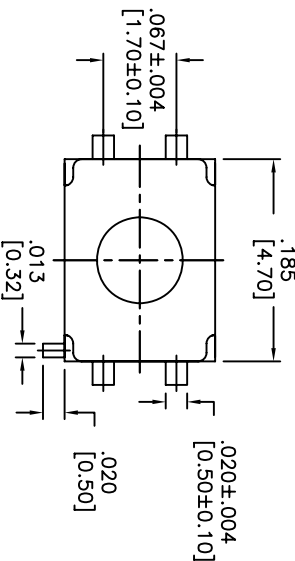
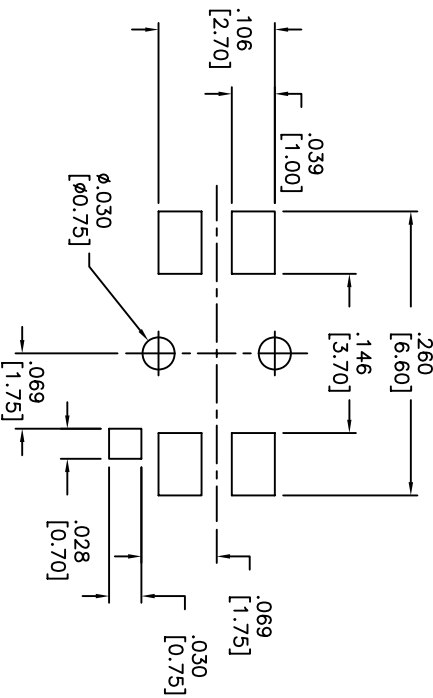
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DATE	SYM	REVISION RECORD	DWN.	CK.

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

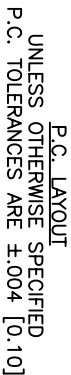
P.C. LAYOUT
UNLESS OTHERWISE SPECIFIED
P.C. TOLERANCES ARE ±.004 [0.10]



PART NO.	1	2
APTCTGFP1V	.0827	[2.100]
APTCTGFP2V	.0984	[2.50]

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

DATE	SYM	REVISION RECORD	DWN.	CK.



FOR 5 SECONDS
IR REFLOW: 255°C MAX



DATE	DRAWING NO.
7/7/05	APTCFV

Mouser Electronics

Authorized Distributor

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

[Apem:](#)

[APTCFGP1VTR](#) [APTCFGP2VTR](#) [APTCFP1VTR](#) [APTCFP2VTR](#) [APTCLGVTR](#) [APTCLVTR](#) [APTFGP1VTR](#)
[APTFGP2VTR](#) [APTFP1VTR](#) [APTFP2VTR](#) [APTLGVTR](#) [APTLVTR](#) [APTCLGTVTR](#)