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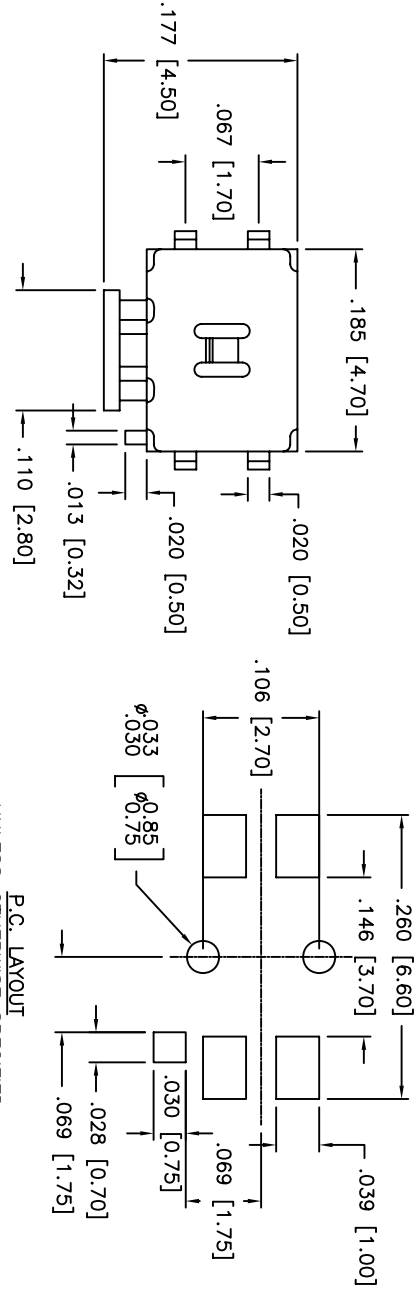
DATE	SYM	REVISION RECORD	DWN.	CK.
10/05	A	ECO# 483	CD	PD
2/07	B	ECO# 628	CD	PD

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

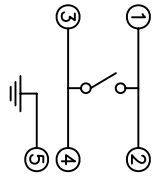
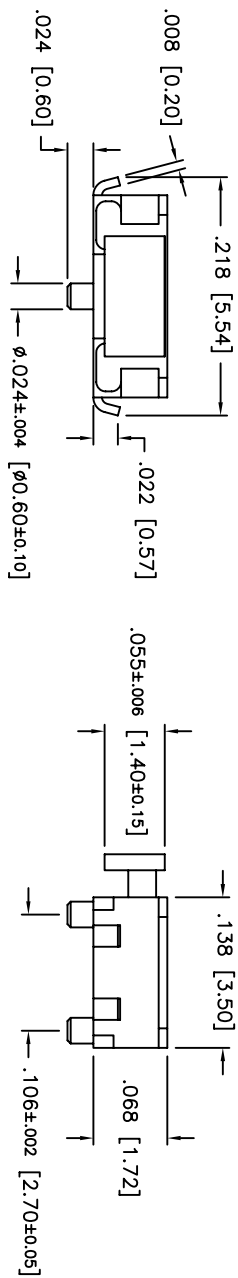
SPECIFICATIONS:

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



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

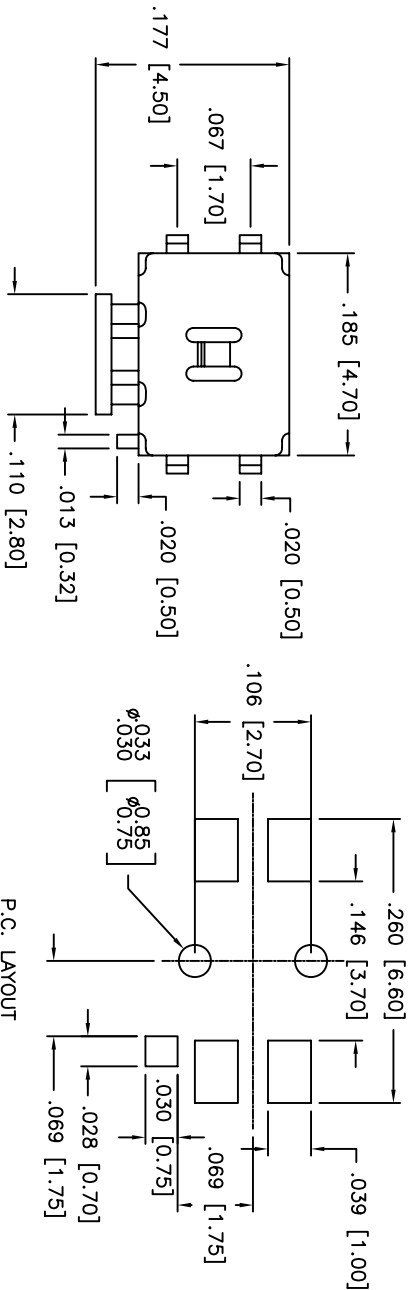


SCHEMATIC

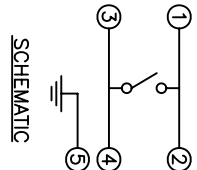
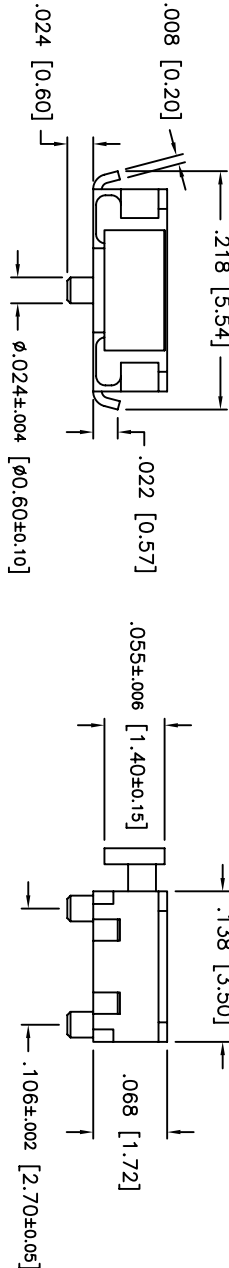
Q.A. INSPECT.	DESIGNATES CRITICAL DIMENSION	TOLERANCES (UNLESS OTHERWISE SPECIFIED)	ANGLE = 30.5°
10/05	10/05	10/05	10/05
2/07	2/07	2/07	2/07

DATE	SYMBOL	REVISION RECORD	DWN.	CK.
12/16/04	B7626			

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



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

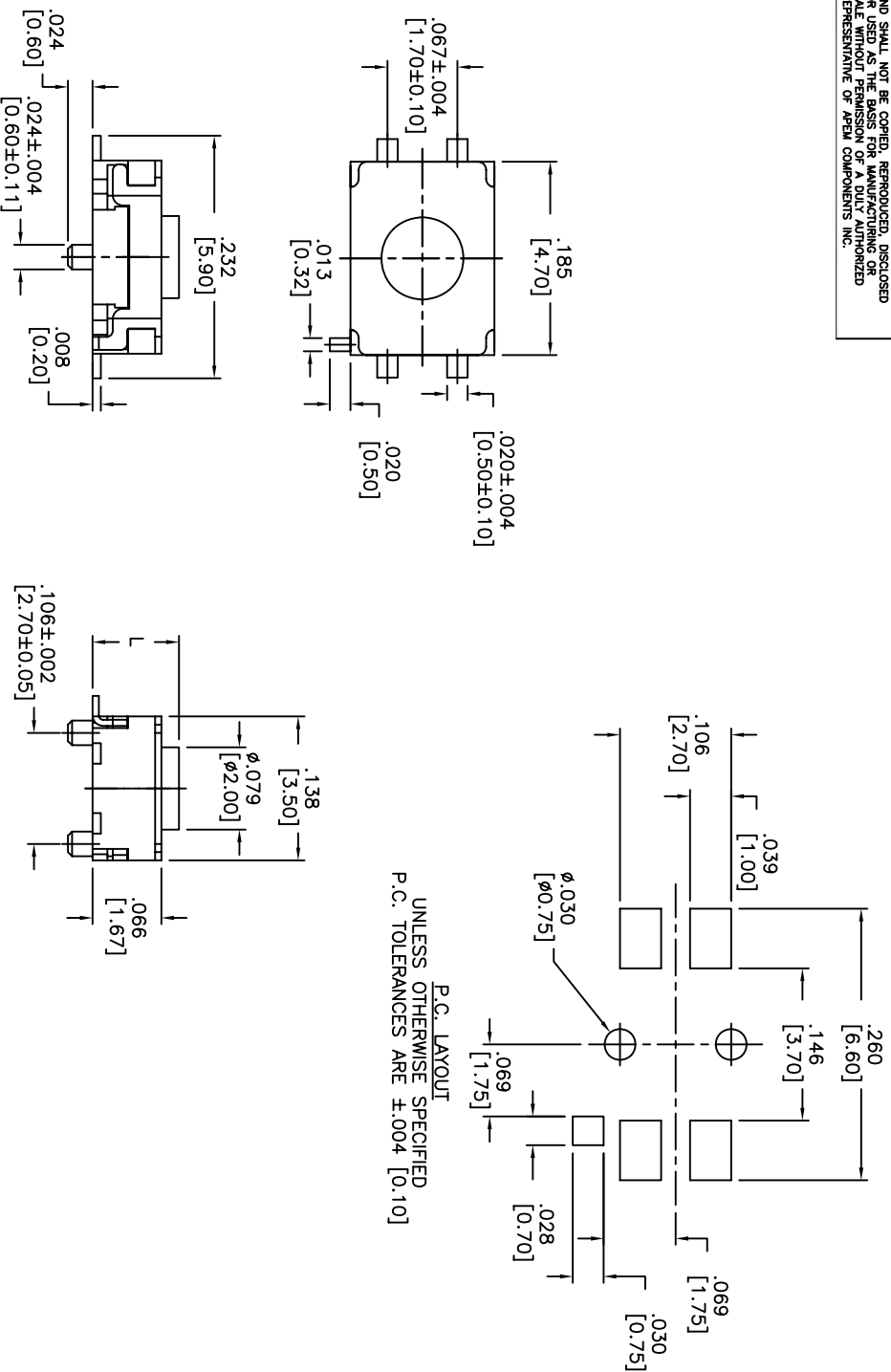
COVER: STAINLESS STEEL.
CONTACT DISK: STAINLESS STEEL.
TERMINAL: BRASS WITH SILVER PLATING.
BASE: LCP HIGH-TEMP. THERMOPLASTIC,
COLOR: BLACK.
STEM: LCP HIGH-TEMP. THERMOPLASTIC,
COLOR: BLACK.

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

DATE	SYM	REVISION RECORD	DWN.	CK.

Q.A. INSPECT.		DESIGNATES CRITICAL		TOLERANCES (UNLESS OTHERWISE SPECIFIED) .XX±.XX[0.05] .XXX±.XXX[0.20] .XXXX±.XXXX[0.02] ANGLE = 30.5°	
APPEM		63 Neck Rd. Haverhill, MA 01830 Tel: 978-372-1554 Fax: 978-372-1554		DRN. CJD BR. PJD	
JUN 1 1 OF 1		SIZE 9:1		THIRD ANGLE PROJECTION	
TITLE TINY SIDE PUSH SWITCH		SCALE		REV	
DATE 10/5/05		DRAWING NO. APTCLCTR		REV A	

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

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

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:

TRAVEL: .008±.004

OPERATING TEMP. RANGE: -25°C TO +70°C

STORAGE TEMP. RANGE: -30°C TO $+80^{\circ}\text{C}$

MATERIALS

COVER: STAINLESS STEEL.

CONTACT DISK: STAINLESS STEEL.

TERMINAL: BRASS WITH SILVER PLATING.

BASE; LCP HIGH-TEM

COLOR: BLACK.

STEM:LCP HIGH-TEMP

COLOR: BLACK.

ROHS COMPLIANT

LEAD FREE PROCESS COMPATIBLE

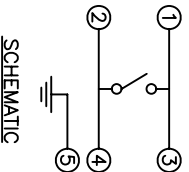
HAND SOLDERING: 30 WATT IRON AT 350°C

FOR 5 SECONDS

IR REFLOW: 255°C MAX

DATE	SYM	REVISION RECORD	DWN.	CK.

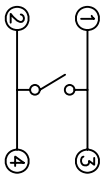
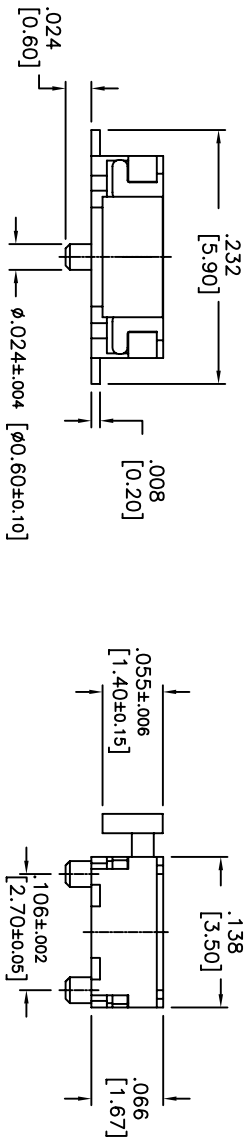
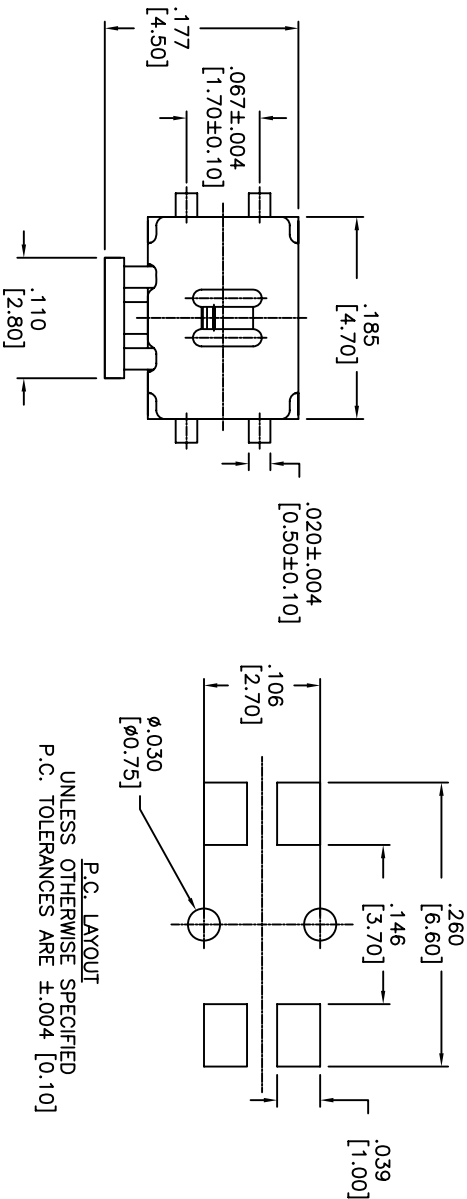
PART NO.	L
APTFCGP1V	.0827 [2.100]
APTCFGP2V	.0984 [2.50]



5A. INSECT 		63 N. HILL RD. 101-8355 104-7878-372-1802 FAX: 878-372-3534		DRN. CJD BRN. PJD
DESIGATES CRITICAL DIMENSIONS				CMK. PJD
TOLERANCES (except as noted) .X.XX = ±.002(0.05) .XXXX = ±.0008(0.20) .XXXXX = ±.0008(0.02) ANGLE = ±0.5		INCH SHEET (MM) 1 OF 1	SIZE B	SCALE 9:1
TITLE TINY VERTICAL PUSH SWITCH				THIRD ANGLE PROJECTION
DO NOT SCALE DRAWING	DATE 7/7/05	DRAWING NO. APTCTGFP*V	REV A	

TINY VERTICAL
PUSH SWITCH

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SCHEMATIC

DATE	SYM	REVISION RECORD	DWN.	CK.

DESCRIPTION: SPST, MINIATURE SIDE 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: 220 ±9g
TRAVEL: .012 ±.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.

TAPE: TEFLON
TAPE & REEL PACKAGING: 3,000 PCS. PER REEL
ROHS COMPLIANT
LEAD FREE PROCESS COMPATIBLE
HAND SOLDERING: 30 WATT IRON AT 350°C
FOR 5 SECONDS
IR REFLOW: 255°C MAX

QA INSPECT.	DESIGNATES CRITICAL DIMENSION	INCH SHEET 1 OF 1	SIZE B	SCALE 9:1	THIRD ANGLE PROJECTION	DATE 7/7/05	DRAWING NO. APTCFV	REV A
TOLERANCES (UNLESS OTHERWISE SPECIFIED)								
.XX±.XX (0.05)								
.XXX±.XXX (0.20)								
.XXXX±.XXXX (0.02)								
ANGLE = 30.5°								