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DATE	SYM	REVISION RECORD	DWN.	CK.

DESCRIPTION: MECHANICAL CONTACT SWITCH WITH GROUND AND S.M.T. TERMINALS

SPECIFICATIONS:

STORAGE TEMP. RANGE: -30°C TO +80°C
OPERATING TEMPERATURE RANGE: -25°C to +70°C
RATING: 50mA @ 12VDC

CONTACT RESISTANCE: 100mohm MAX.
INSULATION RESISTANCE: 100Mohm MIN. 500VDC.

DIELECTRIC STRENGTH: 250VAC FOR 1 MINUTE

ELECTRICAL LIFE: 100,000 CYCLES FOR 320gf, 260gf, 520gf

ELECTRICAL LIFE: 200,000 CYCLES FOR 100gf 160gf

SHOCK RESISTANCE: 50G PER METHOD 213B,

MIL-STD-202F

VIBRATION RESISTANCE: PASSES METHOD 201A,

MIL-STD-202F

CONTACT ARRANGEMENT: 1 POLE, 1 THROW.

MATERIALS:

COVER: NICKEL SILVER

CONTACT DISC: PHOSPHOR BRONZE WITH SILVER CLADDING

TERMINAL: BRASS WITH SILVER PLATING

BASE: UL 94V-0 NYLON THERMOPLASTIC COLOR: BLACK

STEM: UL 94V-0 NYLON THERMOPLASTIC

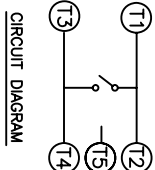
RoHS COMPLIANT

SOLDERING:

IR REFLOW: 255°C MAX.

HAND SOLDERING: 350°C MAX. FOR 5 SECONDS MAX.

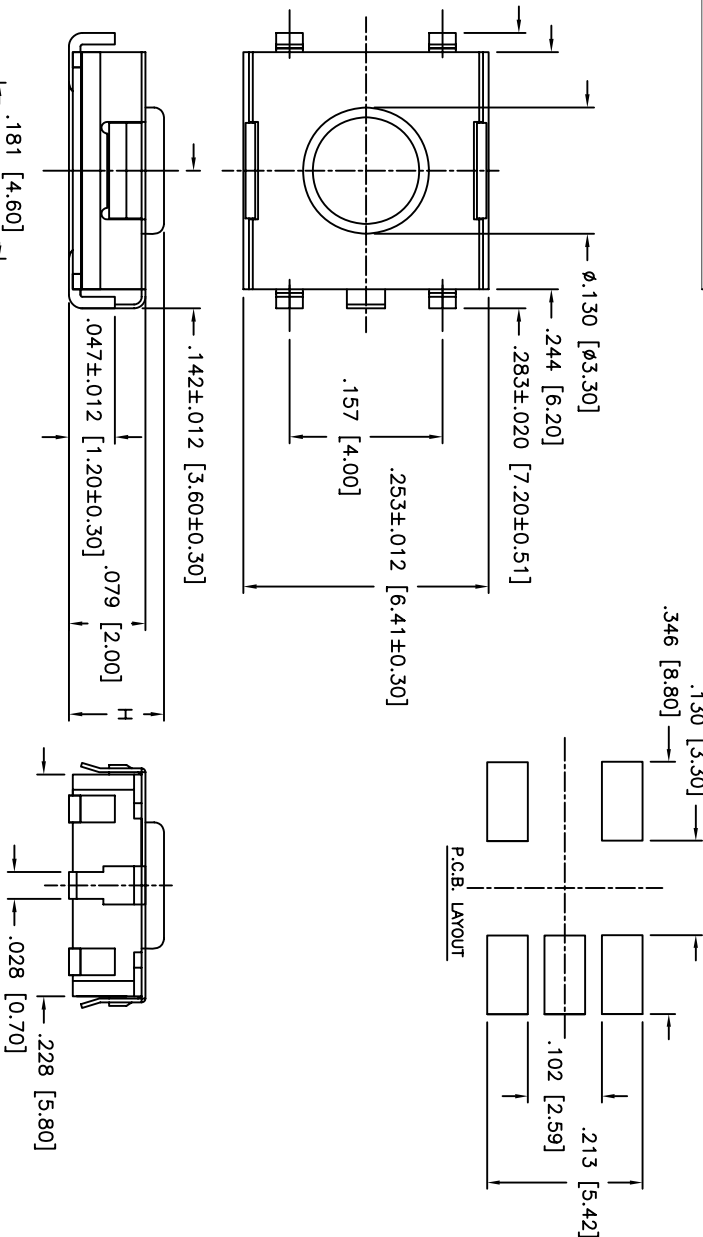
LEAD FREE PROCESS COMPATIBLE



CIRCUIT DIAGRAM

Q.A. INSECT.	DESIGNATES CRITICAL	TOLERANCES (EXCEPT AS NOTED)	ANGLE	DATE	DRAWING NO.	REV.
APDM	63 NICK. RD. 01835 HAWTHORNE, IL 60135 FOR 978-372-3534	100±.012(0.05) 200±.008(0.02) 300±.006(0.02)	30.5°	6/24/05	ADTSG16**V*	A
DO NOT SCALE						

ADTSG16**V*
DIMENSION H: 1=.098
2=.122
PROD. SIZE 6=6X6mm
COLOR OF STEM FOR FORCE
K=BLACK, 100gf
N=BROWN, 160gf
R=RED, 260gf
S=WHITE, 320gf
Y=YELLOW, 520gf
PACKAGE STYLE
B=TUBE
T/R= TAPE & REEL
SOLDERING:
V=LEAD FREE
DTSGL=TACT SWITCH WITH L S.M.T. AND GROUND TERMINALS



1	2	3	4	5	6	7	8
A	B	C	D	E			

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