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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

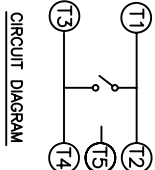
TERMINAL: BRASS WITH SILVER PLATING
BASE: UL 94V-0 NYLON THERMOPLASTIC COLOR: BLACK

STEM: UL 94V-0 NYLON THERMOPLASTIC
RoHS COMPLIANT

SOLDERING:

IR REFLOW: 255°C MAX.
HAND SOLDERING: 350°C MAX. FOR 5 SECONDS MAX.

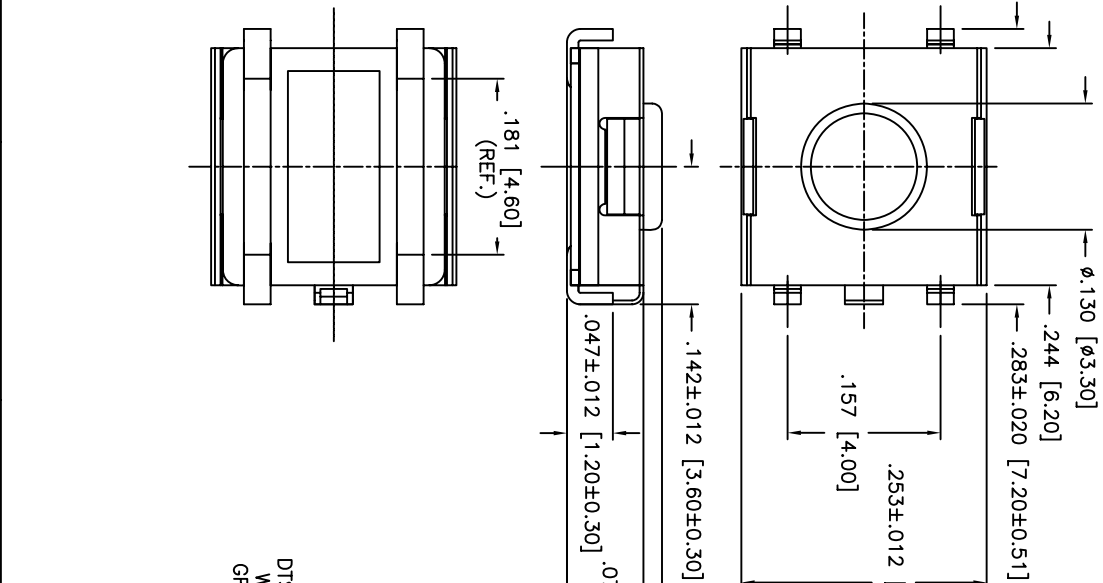
LEAD FREE PROCESS COMPATIBLE



CIRCUIT DIAGRAM

DESIGNATOR		DIMENSION		TOLERANCES		TITLE		DATE		DRAWING NO.		REV	
0A	INSECT.	1	OF 1	6	8:1	6X6, L TYPE	6/24/05	ADTSG16**V*	A				
0A	INSECT.	1	OF 1	6	8:1	TACT SWITCH							
0A	INSECT.	1	OF 1	6	8:1	THIRD ANGLE PROJECTION							

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



Mouser Electronics

Authorized Distributor

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