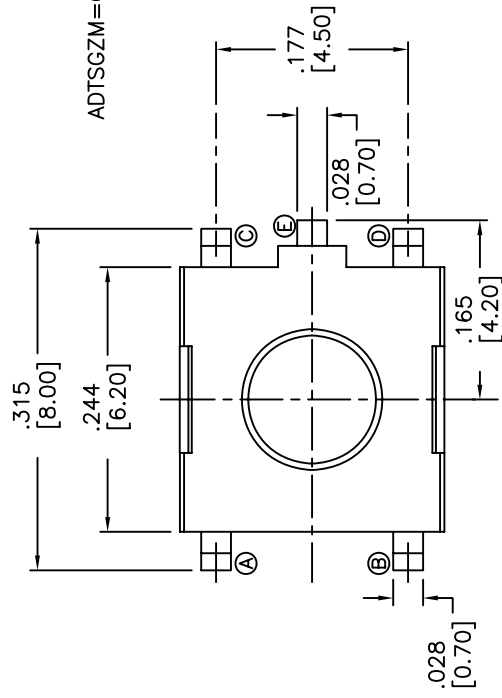




ADTSGZM=GROUND S.M.T. TERMINAL
TYPE TACTILE SWITCH
PITCH=4.5mm

PROD. SIZE
6=6X6mm

DIMENSION H:

1=.098	[2.5]
2=.122	[3.1]

ADTSGZM6□□V□

PACKAGE:
T/R=TAPE
□=BAG
B=TUBE

-SOLDERING:
V=LEAD FR

- COLOR OF STEM FOR FORCE
N=BROWN 160af

R=RED 260gf

DESCRIPTION: MECHANICAL CONTACT SWITCH
SPECIFICATIONS:

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

OPERATING TEMPERATURE RANGE: -25°C to +70°C

RATING: 50mA @ 12VDC

CONTACT RESISTANCE: 100mohm MAX.

INSULATION RESISTANCE: 100Mohm MIN. 500VDC.

INDUCTION RESISTANCE: 100MCMH MIN.; 500VAC
DIELECTRIC STRENGTH: 250VAC FOR 1 MINUTE

ELECTRICAL LIFE: 100,000 CYCLES FOR 260g

ELECTRICAL LIFE: 200,000 CYCLES FOR 160°C

SHOCK RESISTANCE

MIL-STD-202F

VIBRATION RESISTANCE: PASSES METHOD 201A

MIL-STD-202F
CONTACT ARRANGEMENT: 1 POLE, 1 THROW.

MATERIALS:

COVER: NICKEL SILVER

COVER: NICKEL SILVER
CONTACT DISC: STAINLESS STEEL WITH SILVER CLADDING
TERMINAL: BRASS WITH SILVER PLATING

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

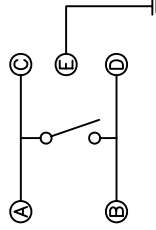
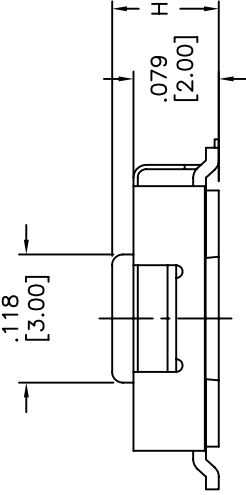
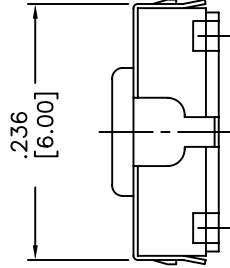
STEM: UL 94V-0 NYLON THERMOPLASTIC
RoHS COMPLIANT

SOLDERING:

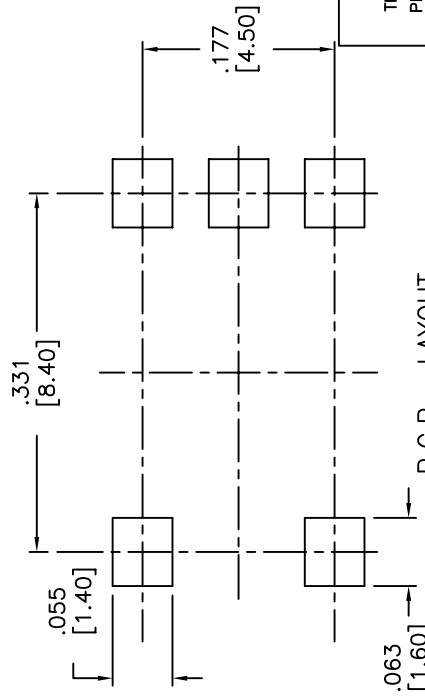
IR REFLOW: 255°C MAX.

HAND SOLDERING: 350°C MAX. FOR 5 SECONDS MAX.
(30 WATT IRON MAX.)

LEAD FREE PROCESS COMPATIBLE



CIRCUIT DIAGRAM



P.C.B. LAYOUT

TOLERANCES (EXCEPT AS NOTED)	 APEM	HAVERHILL, MA.	
DECIMAL ± .008 <u>± 0.020</u>	$\frac{\text{—}}{\text{—}}$ INCH (MM)	SCALE 8 : 1	DRAWN CJD APPROVED PJD
FRACTIONAL ± —	TITLE TACT SWITCH		
ANGULAR ± —	DATE 06/24/05	DRAWING NUMBER ADTSCZM6**V*	REV A

Q.A. INSPECT.

DESIGNATES CRITICAL
DIMENSION

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