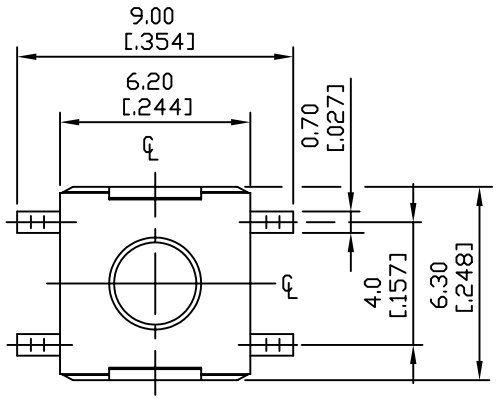
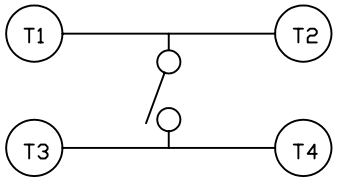
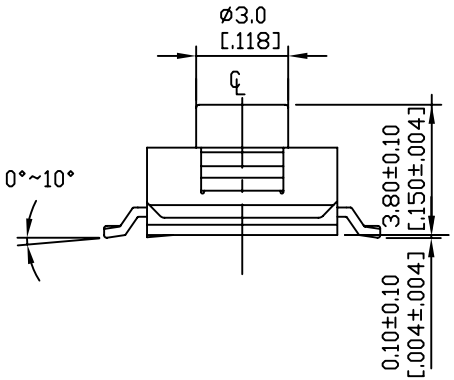
DWG. NO. SW-2486-F REV. "-"

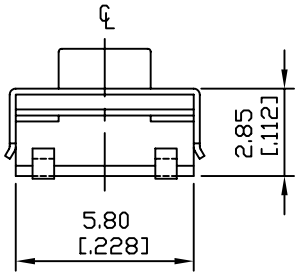
PART NO. DTSMW-69N-TR-R-NL





CIRCUIT DIAGRAM





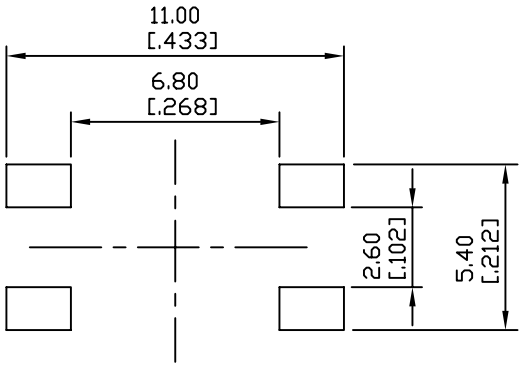
ELECTRICAL SPECIFICATION:
ELECTRICAL LIFE: 50,000 CYCLE MIN.
RATING: 50mA, 12V DC
CONTACT RESISTANCE: 100m OHM MAX.
INSULATION RESISTANCE: 100M OHM MIN, 500V DC
DIELECTRIC STRENGTH: 250V AC/1 MINUTE.
CONTRACT ARRANGEMENT: 1 POLE 1 THROW

MECHNICAL SPECIFICATION:
STROKE: 0.25mm(TOL: +0.2mm/−0.1mm)
OPERATING TEMP. RANGE: −40°C ~ +85°C
STORAGE TEMP RANGE: −40°C ~ +85°C

DTSMW − 69 N − TR−R−NL
1 2 3 4 5 6 7 8

1. SERIES NO.: DTS = TACT SWITCH
2. TERMINATION TYPE: M=S.M.T.
3. W = WITH WASHABLE TYPE
4. STEM HEIGHT: 9=3.8mm
5. COLOR OF STEM/OPERATING FORCE: N=BROWN, 180g
6. PACKAGE STYLE: TR=TAPE & REEL
7. R: SILICONE RUBBER SEAL
8. NL: THE PART IS RoHS COMPLIANT

NOTES:
1. DIMS IN PARENTHESIS ARE GIVEN IN INCHES.
2. FOR TAPE & REEL SPECIFICATIONS SEE SHEET 2 OF 2.



PCB LAYOUT

PART NAME	Q'TY	MATERIAL	TREATMENT
BASE	1	HIGH-TEMP THERMOPLASTIC NYLON UL 94V-0	MOLDED BLACK
TERMINAL	1	BRASS	WITH SILVER CLADDING
CONTACT	1	PHOSPHOR BRONZE	WITH SILVER CLADDING
SEALED RUBBER	1	SILICONE RUBBER	NONE
COVER	1	STAINLESS STEEL	NONE

PROJECTION

RDI Research Development Innovation

RDI, Inc. 400 Columbus Avenue Valhalla, NY 10595

SCALE NONE

TITLE TACT SWITCH WITH WASHABLE TYPE

TOLERANCE EXCEPT AS NOTED

DEC. INCHES [±.008]

DEC. MILLIMETERS ±0.20

ANG. N/A

DR.	DATE	REF.	SHEET
Jin	6/29/05	P/N: DTSMW-69N-TR-R-NL	1 OF 2

CK.	PRE-	DRAWING NO.	SIZE	REV.
JY	SW	2486	F	-

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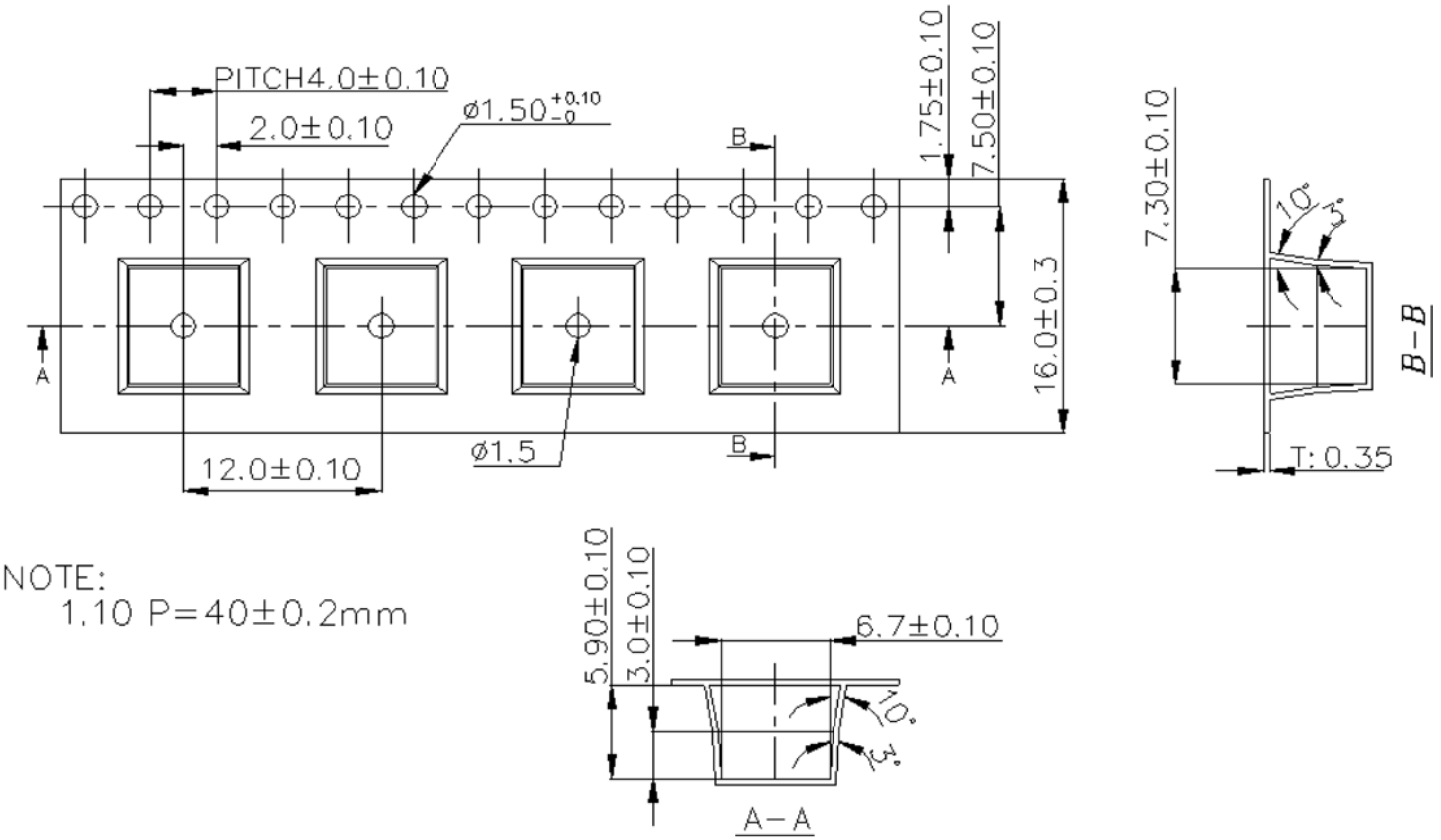
ECN#	DATE	SYM	REVISION RECORD	AUTH	BY

DWG. NO. SW-2486-F REV. "-"

PART NO. DTSMW-69N-TR-R-NL



NOTE:
1.10 P=40±0.2mm

NOTES:
1. ALL DIMS ARE GIVEN IN MM.
2. FOR SWITCH SEE SHEET 1 OF 2.

PROJECTION	RDI Research Development Innovation RDI, Inc. 400 Columbus Avenue Valhalla, NY 10595				
SCALE NONE	TITLE T/R, TACT SWITCH WITH WASHABLE TYPE				
TOLERANCE EXCEPT AS NOTED	DR. Jin	DATE 6/29/05	REF. P/N: DTSMW-69N-TR-R-NL		SHEET 2 OF 2
DEC. INCHES NONE	CK. JY	PRE- SW	DRAWING NO. 2486	SIZE F	REV. -
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