

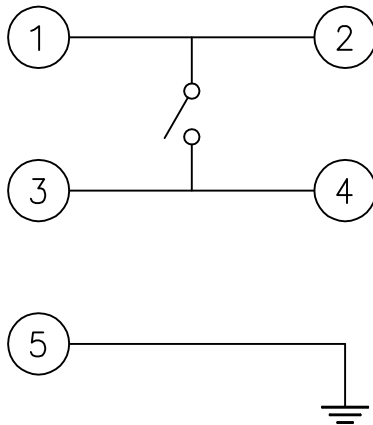
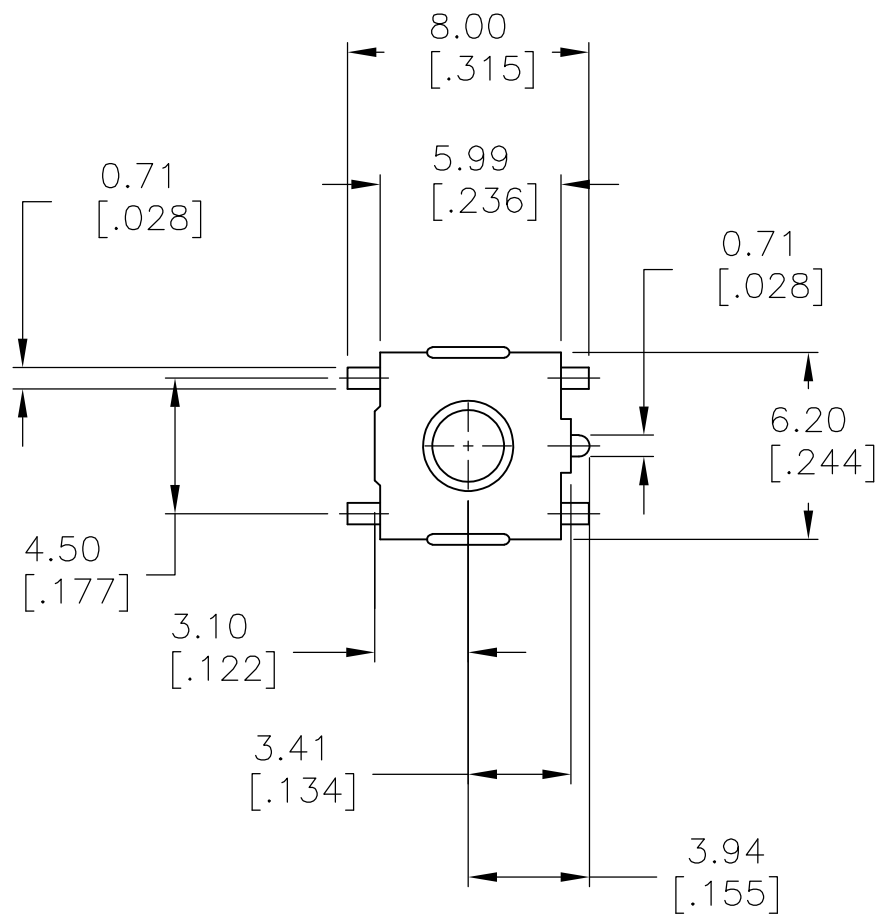
LOC	DIST	REVISIONS					
AD	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
			E	REVISED PER ECO-15-016664	23NOV2015	NK	RH

D

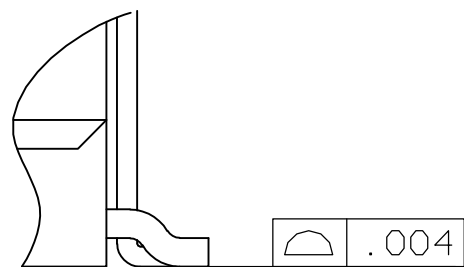
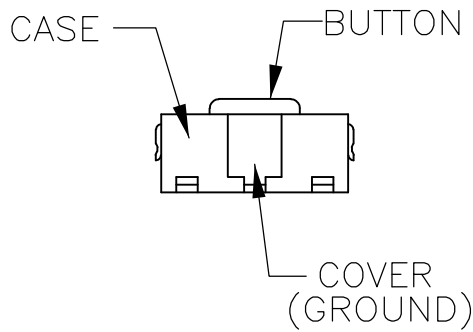
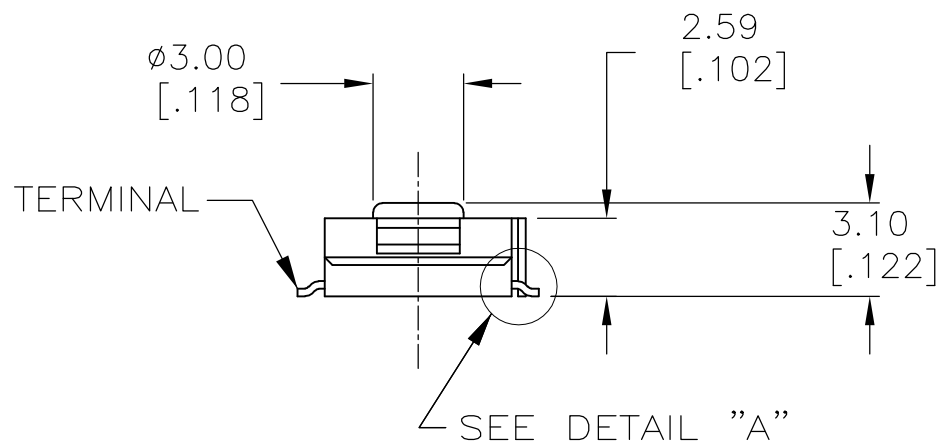
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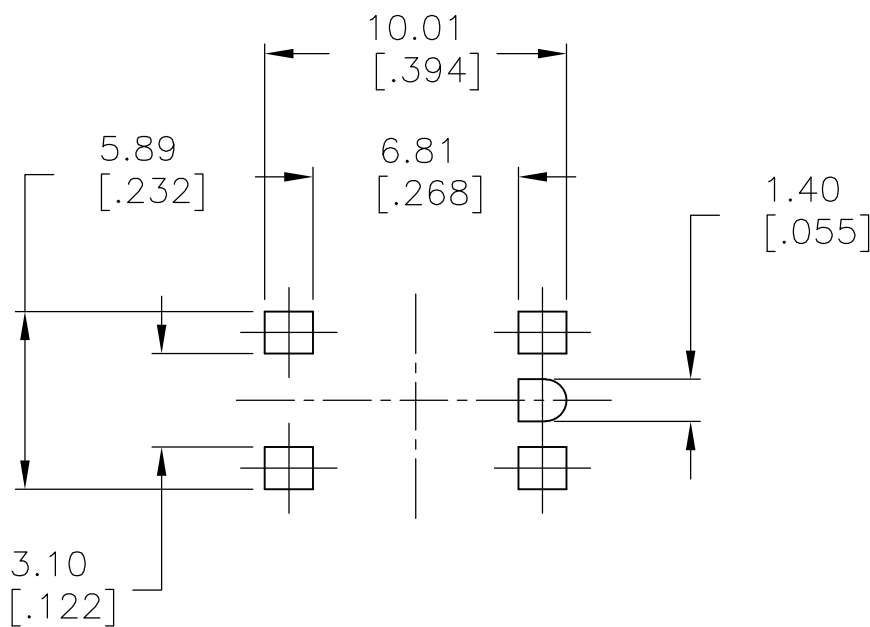
A



CIRCUIT DIAGRAM



DETAIL "A"
SCALE 15:1



P.C.B. FOOTPRINT

SPECIFICATIONS:

CASE: PPS, 94V0, BLACK.
COVER: COPPER ALLOY-TIN PLATE.
ACTUATOR BUTTON: SEE TABLE, COLOR: SEE TABLE.
MOVING CONTACT: COPPER ALLOY, SILVER FINISH.
FIXED CONTACT/TERMINAL: COPPER ALLOY, SILVER FINISH.

ELECTRICAL:
MAX CONTACT RATING: 50MILLIAMPS@24V DC
MIN CONTACT RATING: 10MICROAMPS@1V DC
CONTACT RESISTANCE: 100 MILLIOHMS MAX.
INSULATION RESISTANCE: 100 MEGOHMS MIN. @ 100 VDC.
DIELECTRIC STRENGTH: 500 VAC 50/60 HZ FOR 1 MINUTE
LIFE EXPECTANCY: 100,000 CYCLES.

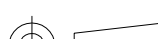
MECHANICAL:
ACTUATION FORCE: SEE CHART.
ACTUATION TRAVEL: 0.25 +0.20/-0.10 [.010 +.008/-0.004]

ENVIRONMENTAL:
OPERATING TEMPERATURE: -35°C TO +85°C
STORAGE TEMPERATURE: -35°C TO +85°C
SOLDER HEAT RESISTANCE PER 109-201, COND B.

SOLDERABILITY:
SPECIFICATION EIA-364-52, CLASS 1, CATEGORY 2

- ALL MATERIALS AND FINISHES SHALL COMPLY WITH EU DIRECTIVE 2002/95/EC OF 27JAN2003 (ROHS)
- TAPE AND REEL PACKAGING PER EIA-481

PART NUMBER	PART NUMBER	ACTUATOR MATERIAL	ACTUATOR BUTTON COLOR	ACTUATION FORCE	PACKAGING
1-1437565-6	FSM1LP	PPA UL94HB	BLACK	160±50 gm.	BULK
1-1437565-9	FSM1LPTR	PPA UL94HB	BLACK	160±50 gm.	TAPE & REEL
1-1437565-7	FSM1LPA	PPS UL94V-0	BROWN	260±50 gm.	BULK
1-1437565-8	FSM1LPATR	PPS UL94V-0	BROWN	260±50 gm.	TAPE & REEL

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M.BINNER 13MAR2007	 TE Connectivity				
		CHK M.SARVER 20MAR2007					
DIMENSIONS: mm [INCHES]		TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD M.SARVER 20MAR2007	NAME TACTILE SWITCH FSM1LP			
		0 PLC ± - 1 PLC ± - 2 PLC ± 0.30[.012] 3 PLC ± - 4 PLC ± - ANGLES ± -					
		APPLICATION SPEC —		SIZE A2			
MATERIAL —		FINISH —	WEIGHT —	CAGE CODE 00779	DRAWING NO C=1-1437565-8	RESTRICTED TO —	
CUSTOMER DRAWING				SCALE 4:1	SHEET 1 of 2	REV E	

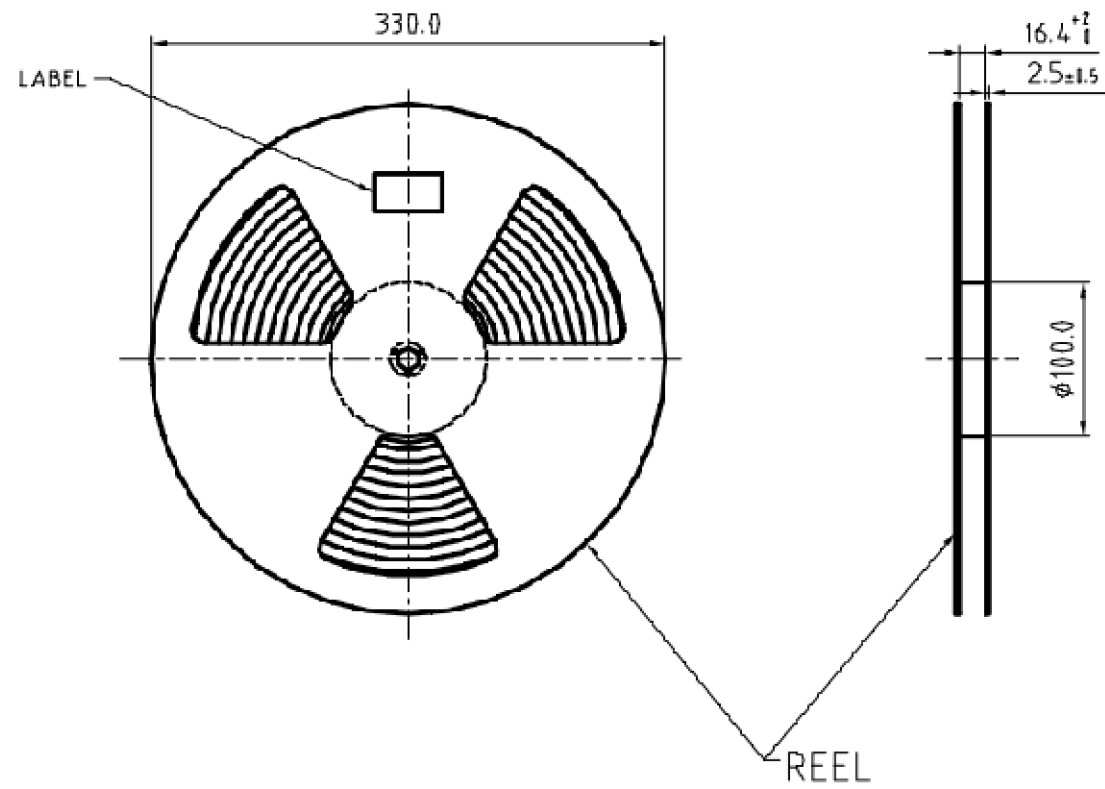
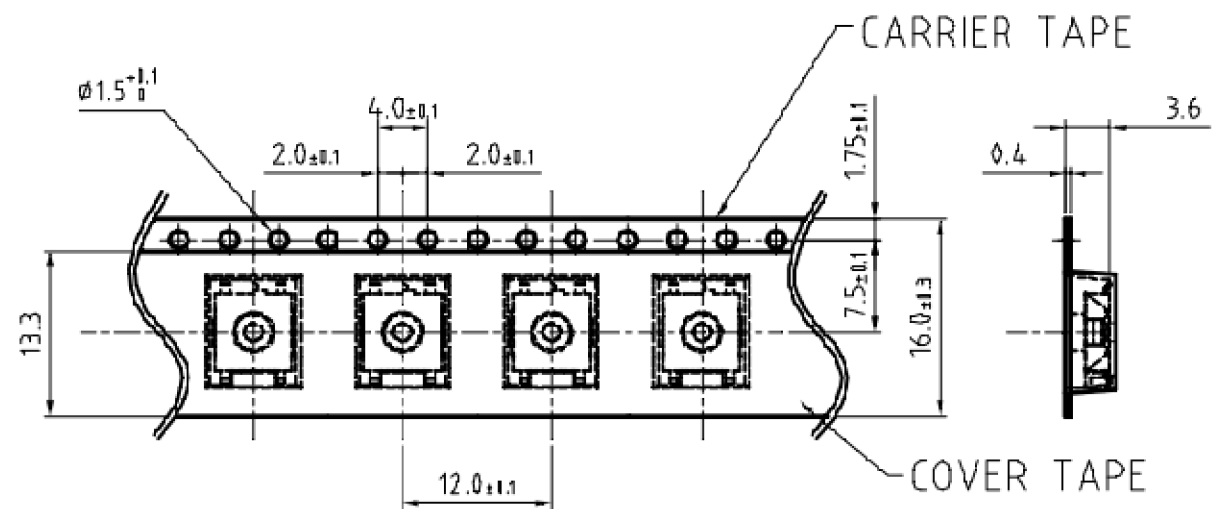
LOC		DIST		REVISIONS			
AD		00		P	LTR	DESCRIPTION	DATE
						SEE SHEET 1	DWN
							APVD

D

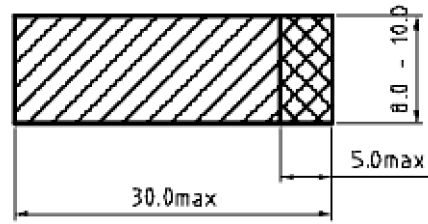
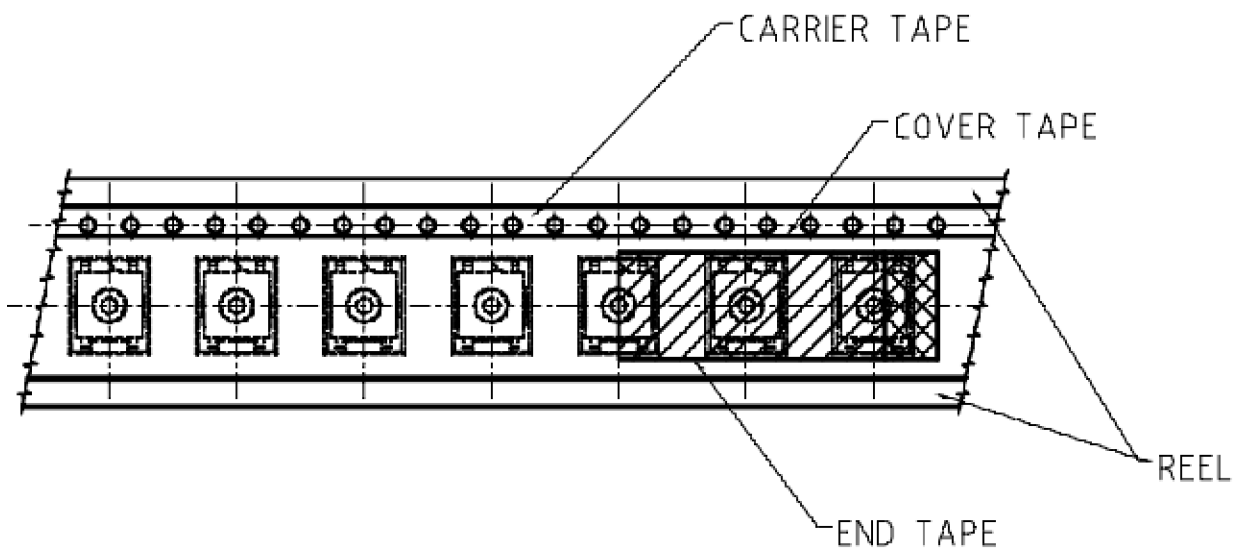
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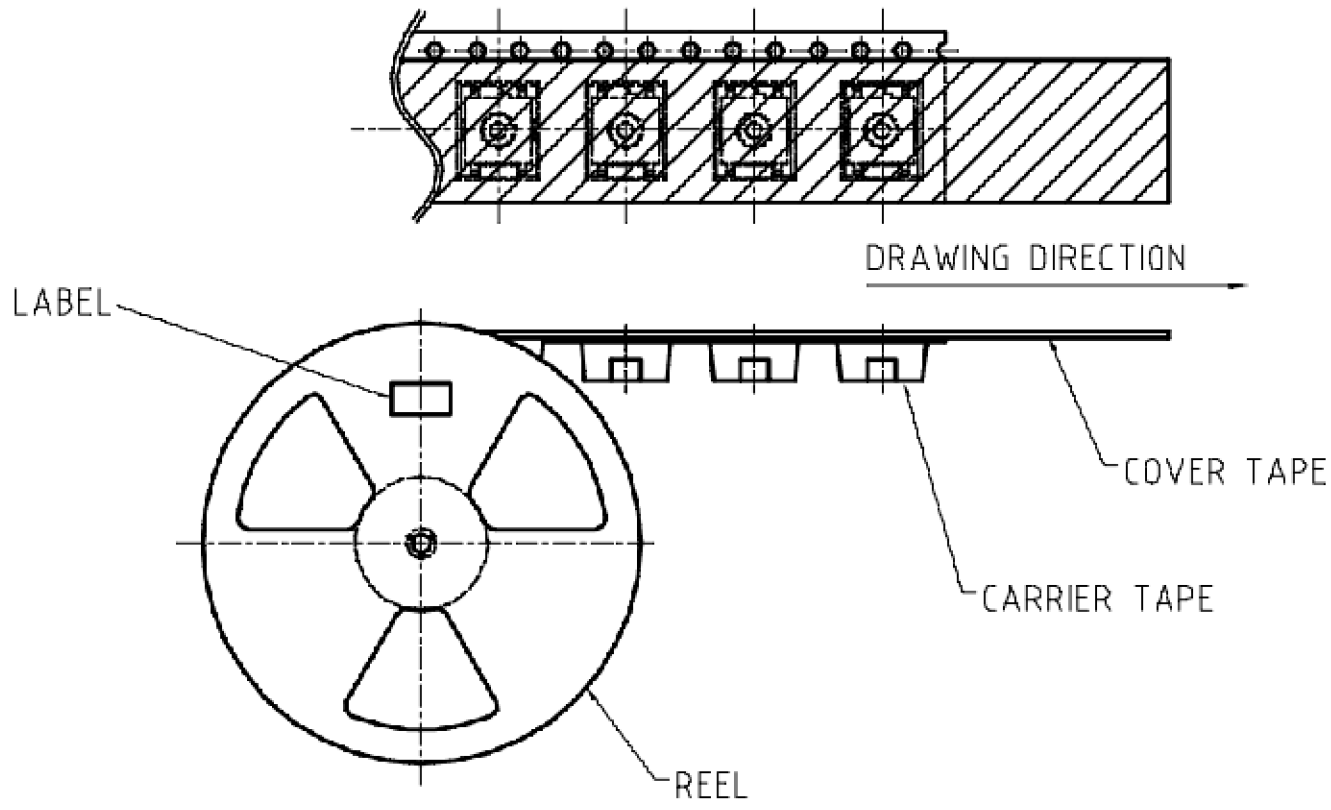
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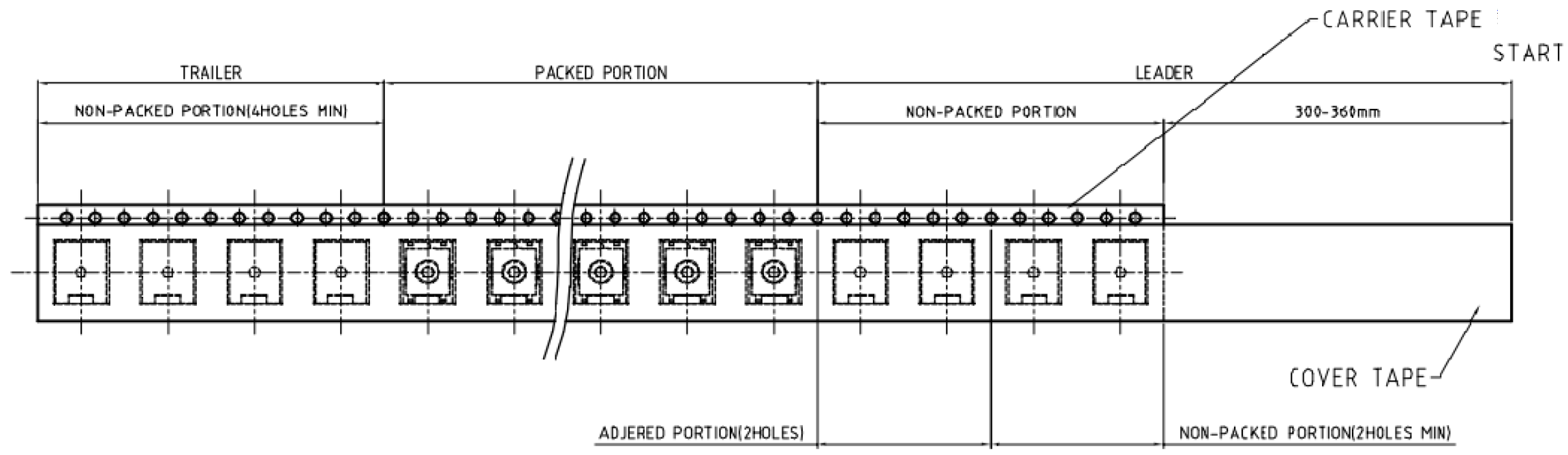
-THE DIMENSION OF CARRIER TAPE, COVER TAPE AND REEL-



-END TAPE-



-THE DIRECTION OF PILOT HOLES-



THIS DRAWING IS A CONTROLLED DOCUMENT.				DWN M.BINNER 13MAR2007				TE Connectivity			
CHK M.SARVER 20MAR2007				APVD M.SARVER 20MAR2007				TACTILE SWITCH FSM1LP			
PRODUCT SPEC				APPLICATION SPEC				RESTRICTED TO			
MATERIAL				WEIGHT				SCALE 4:1			
FINISH				CUSTOMER DRAWING				SHEET 2 OF 2			