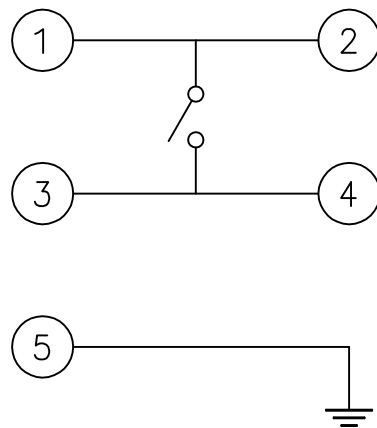
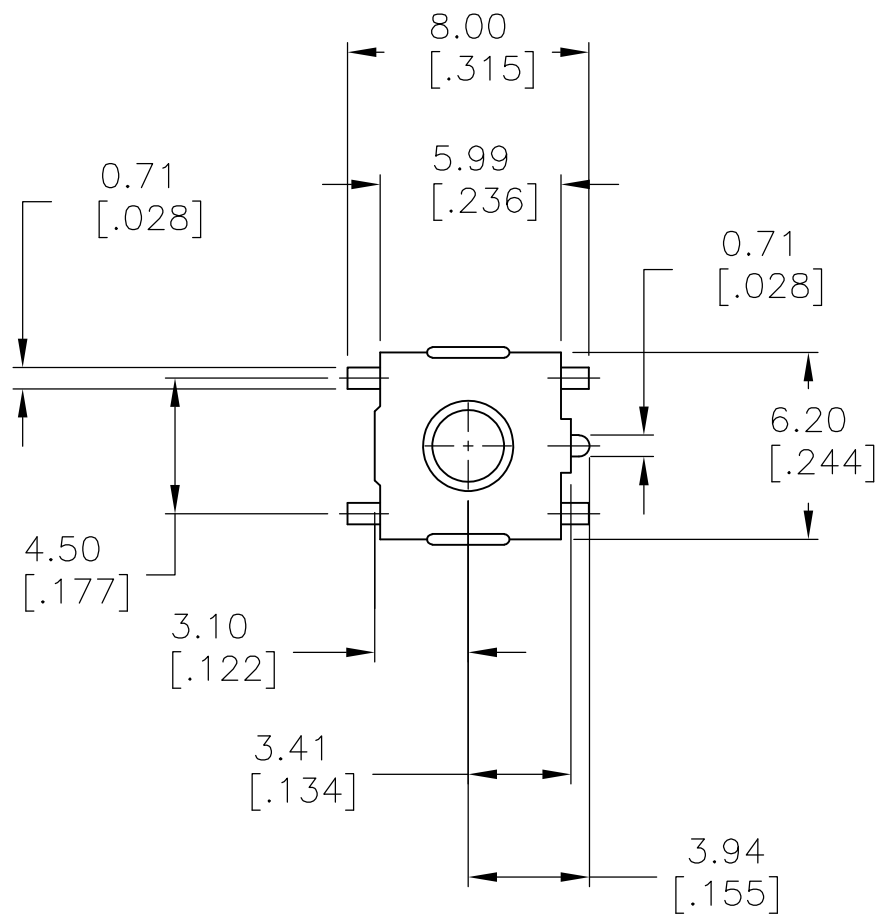
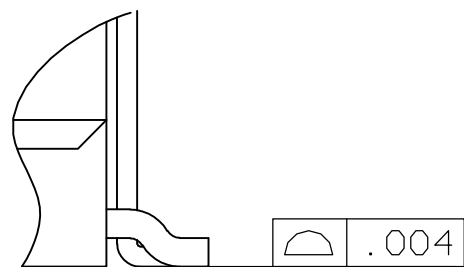
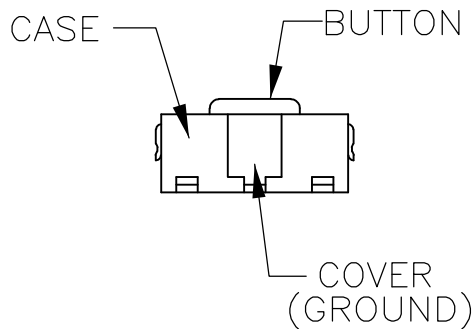
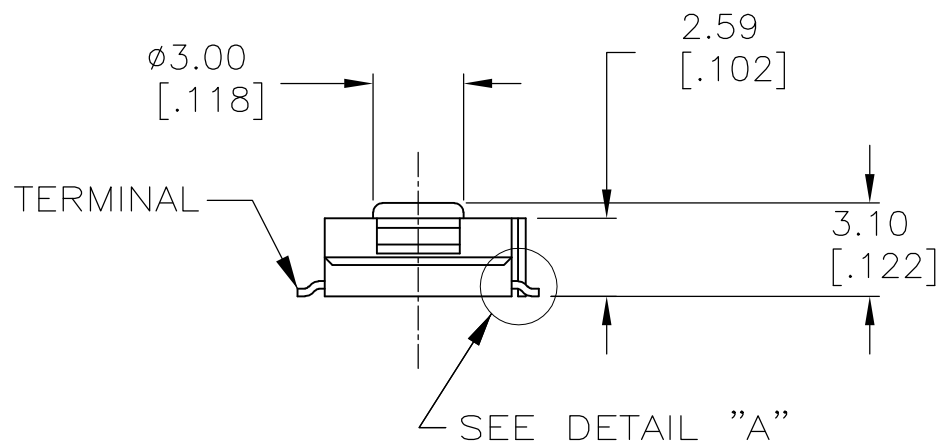
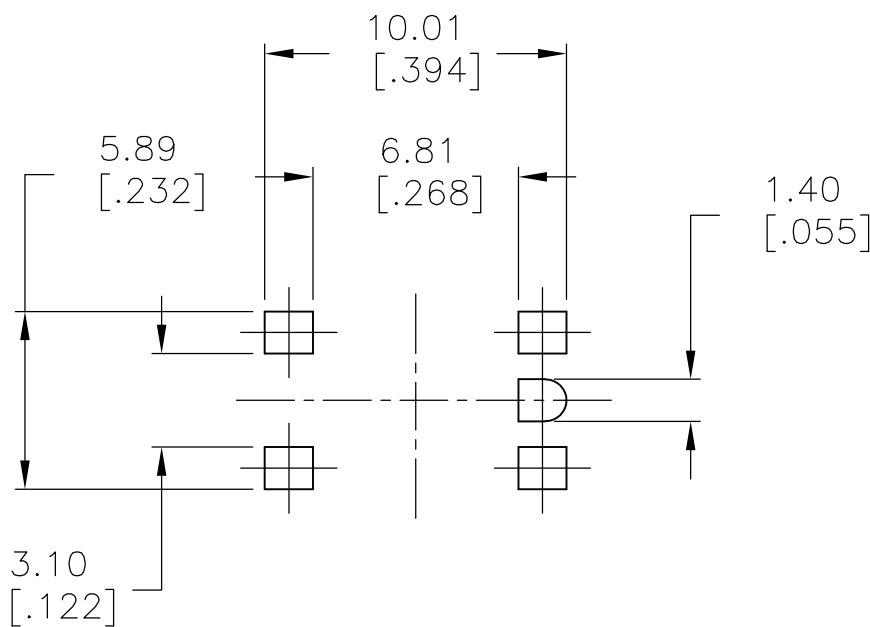




CIRCUIT DIAGRAM



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

- 1
- ALL MATERIALS AND FINISHES SHALL COMPLY WITH EU DIRECTIVE 2002/95/EC OF 27JAN2003 (ROHS)
- 2
- 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

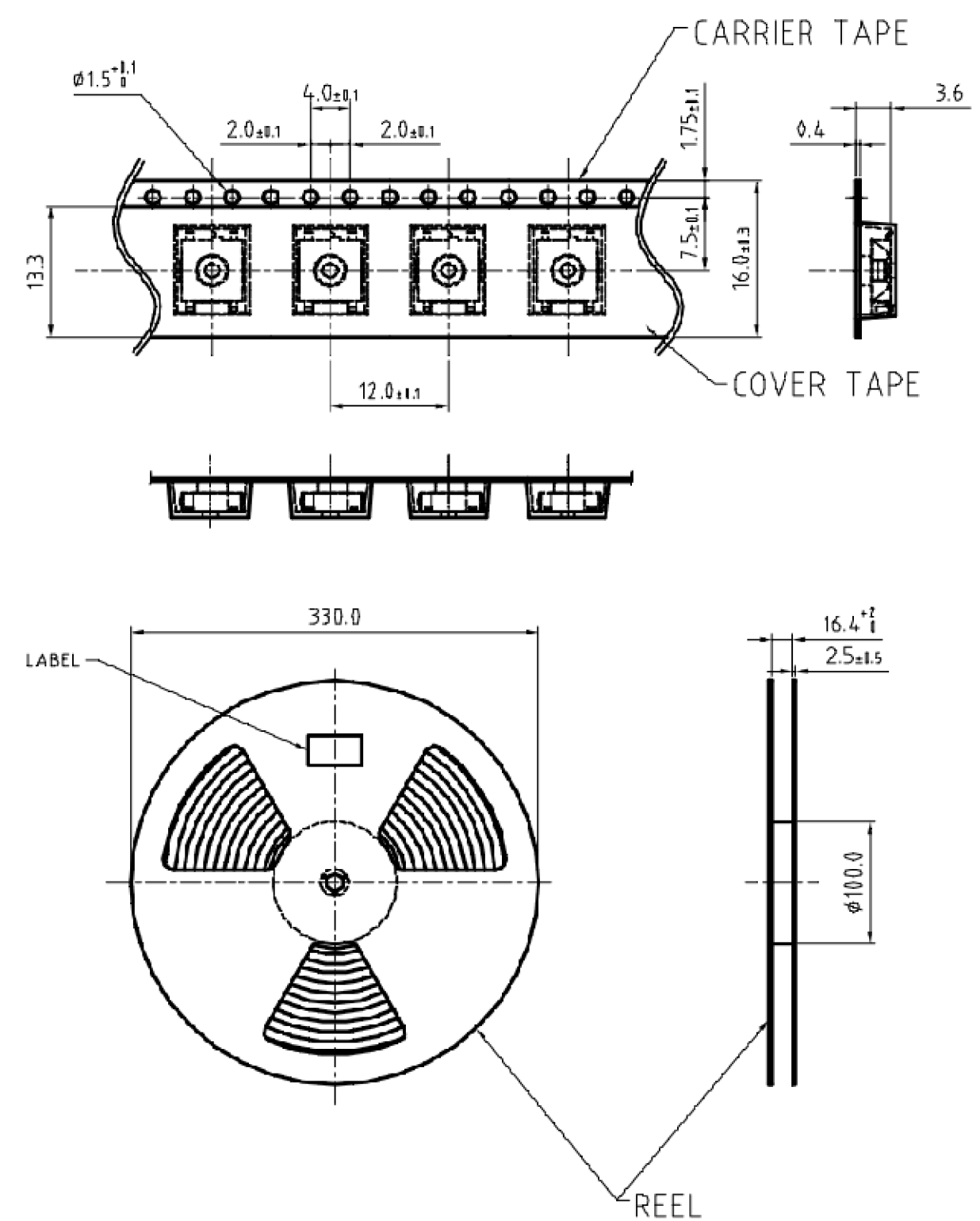
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M.BINNER 13MAR2007	 TE Connectivity					
DIMENSIONS: mm [INCHES]		CHK M.SARVER 20MAR2007						
	TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME TACTILE SWITCH FSM1LP					
	0 PLC ± - 1 PLC ± - 2 PLC ± 0.30[.012] 3 PLC ± - 4 PLC ± - ANGLES ± -							
	PRODUCT SPEC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

D

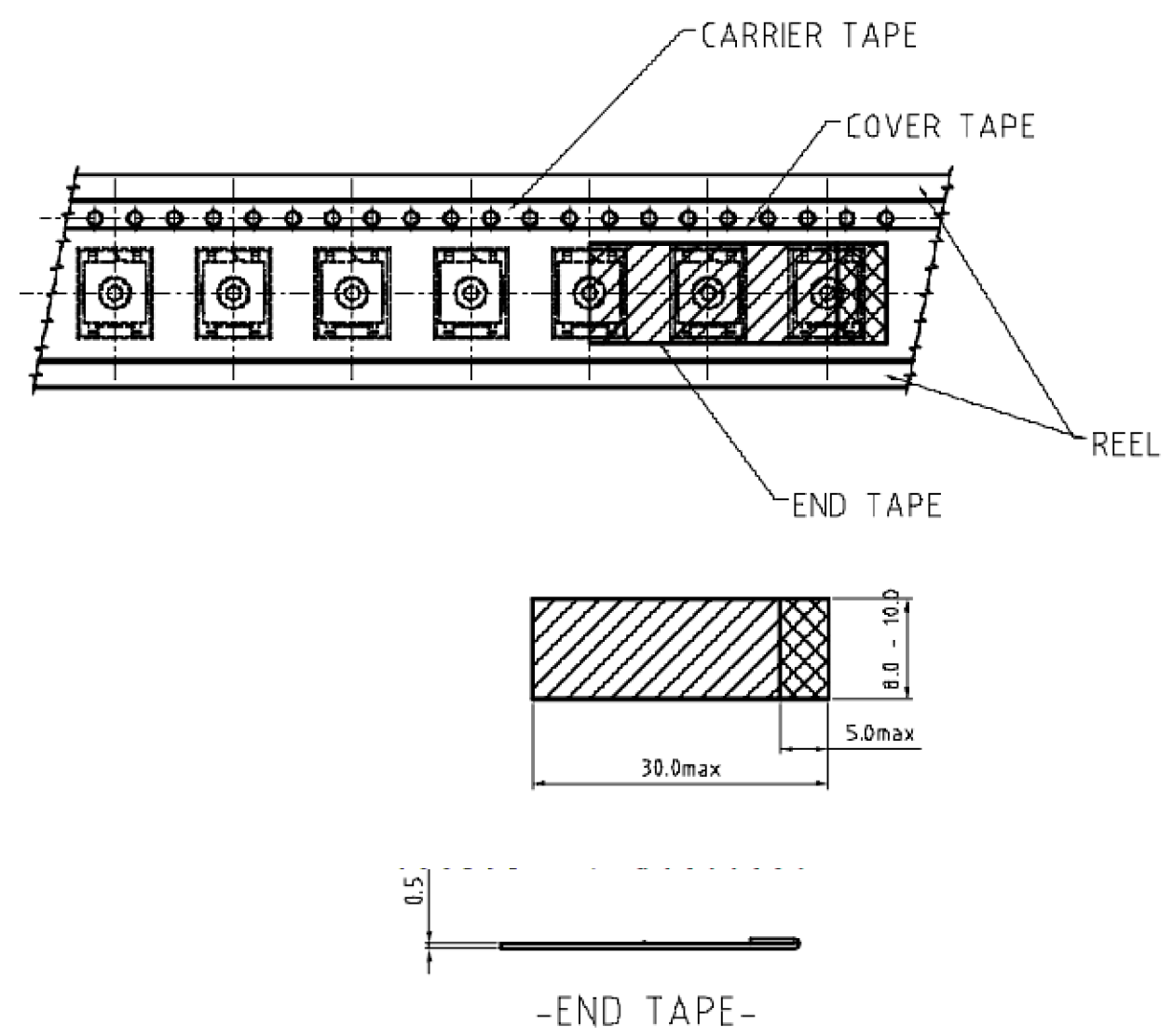
C

B

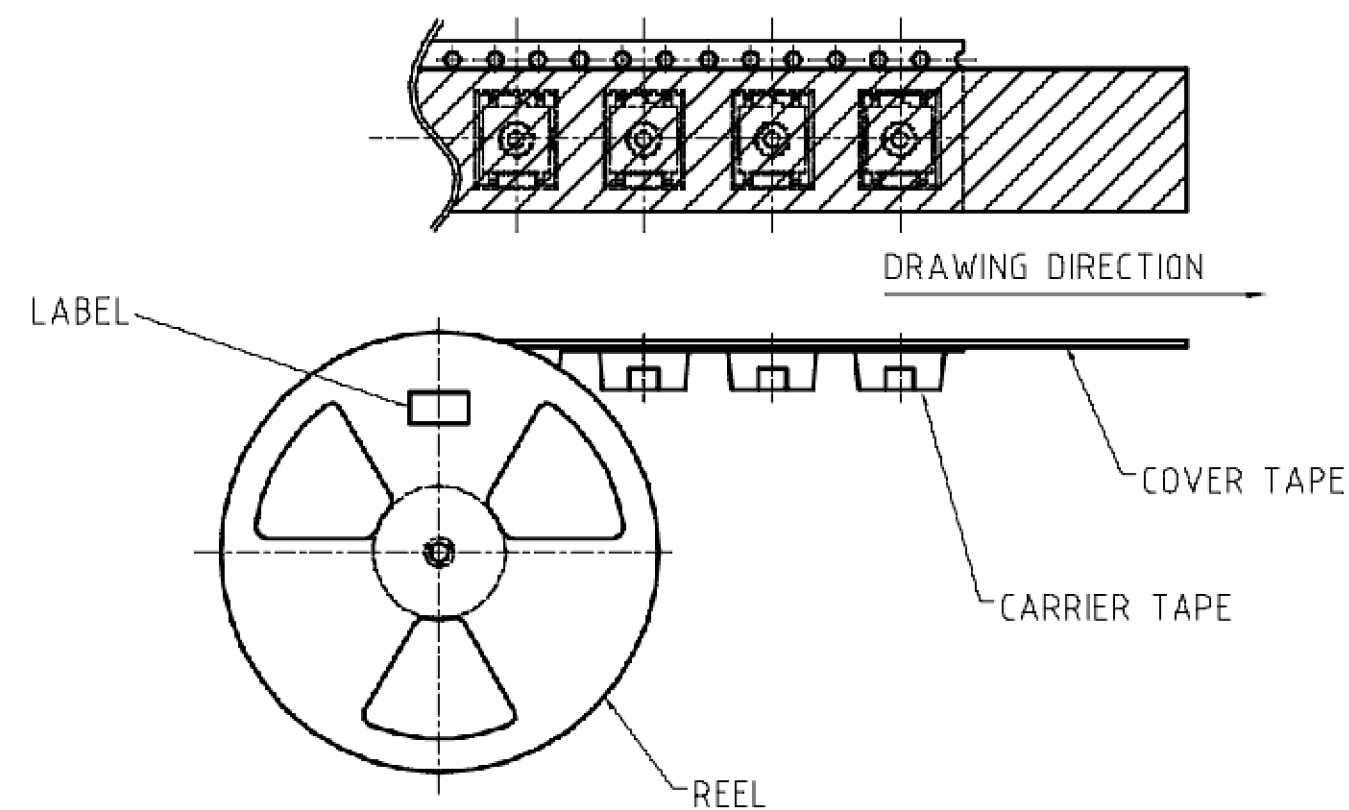
A



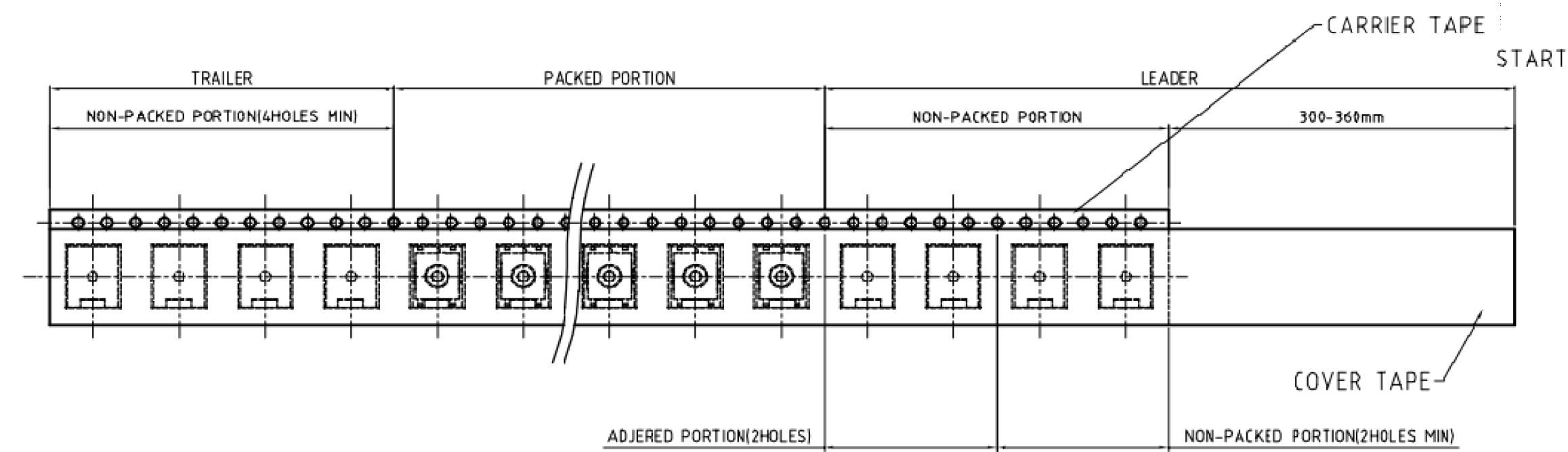
-THE DIMENSION OF CARRIER TAPE, COVER TAPE AND REEL-



-END TAPE-



-THE DIRECTION OF PILOT HOLES-



THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
mm [INCHES]

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ± -
1 PLC ± -
2 PLC ± 0.30[.012]
3 PLC ± -
4 PLC ± -
ANGLES ± -
FINISH -

MATERIAL

-

DWN
M.BINNER
13MAR2007

CHK
M.SARVER
20MAR2007

APVD
M.SARVER
20MAR2007

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

-

CUSTOMER DRAWING

TE Connectivity

TACTILE SWITCH
FSM1LP

SIZE
A2

CAGE CODE
00779

DRAWING NO
C=1-1437565-8

RESTRICTED TO

-

SCALE
4:1

SHEET
2 OF 2

REV
E

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[FSM1LPA](#)