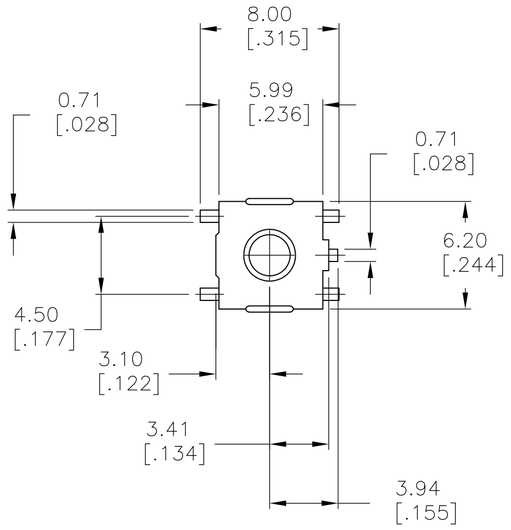
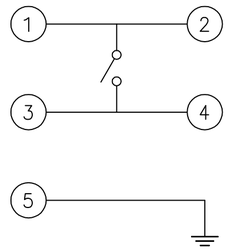
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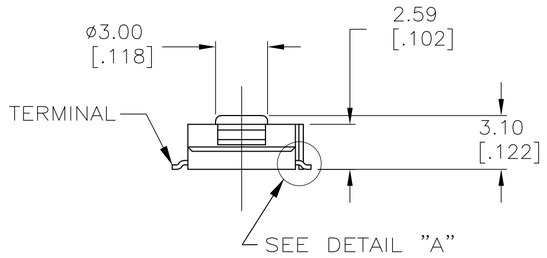
REVISIONS

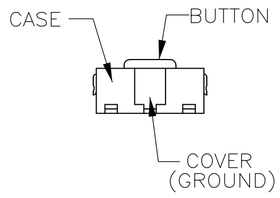
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	D3	REVISED PER ECO-14-014370	23SEP2014	NK	RH

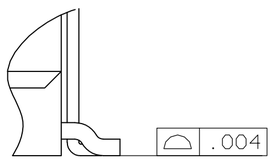




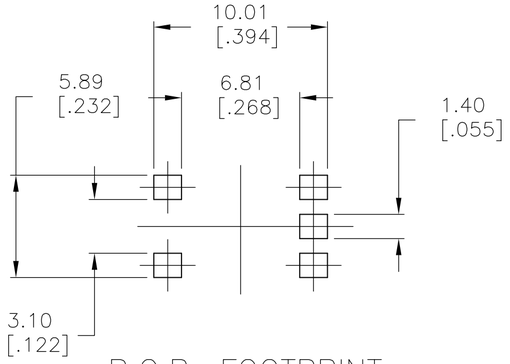
CIRCUIT DIAGRAM







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/-.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

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DIMENSIONS: mm [INCHES]

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± -
1 PLC ± -
2 PLC ± 0.30[.012]
3 PLC ± -
4 PLC ± -
ANGLES ± -

MATERIAL -
FINISH -

DWN	13MAR2007
CHK	20MAR2007 M.SARVER
APVD	20MAR2007 M.SARVER
PRODUCT SPEC	-
APPLICATION SPEC	-
WEIGHT	-

TE Connectivity

NAME: TACTILE SWITCH FSM1LP

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A2	00779	C-1-1437565-8	-

CUSTOMER DRAWING | SCALE 4:1 | SHEET 1 OF 2 | REV D3

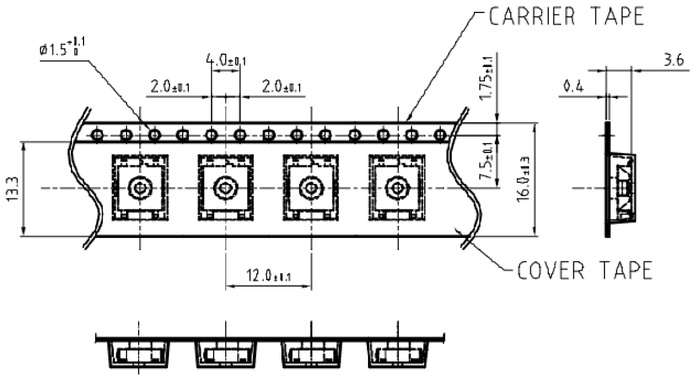
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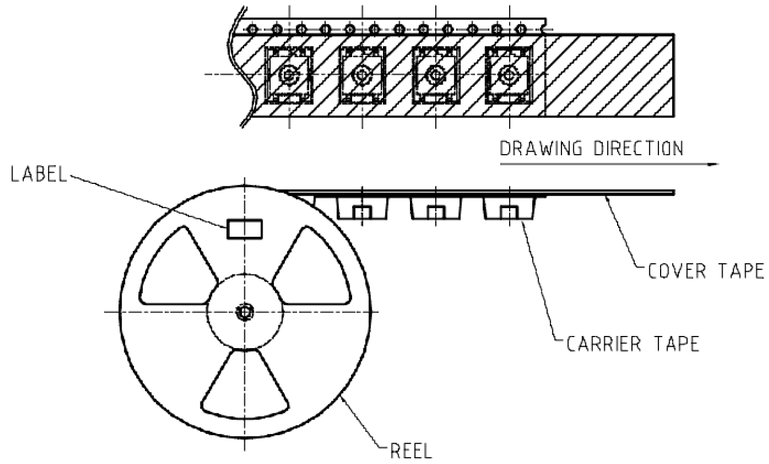
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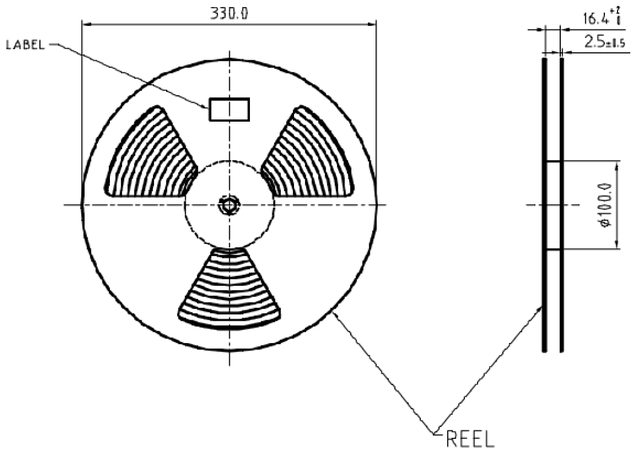
REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	–	SEE SHEET 1	–	—	—

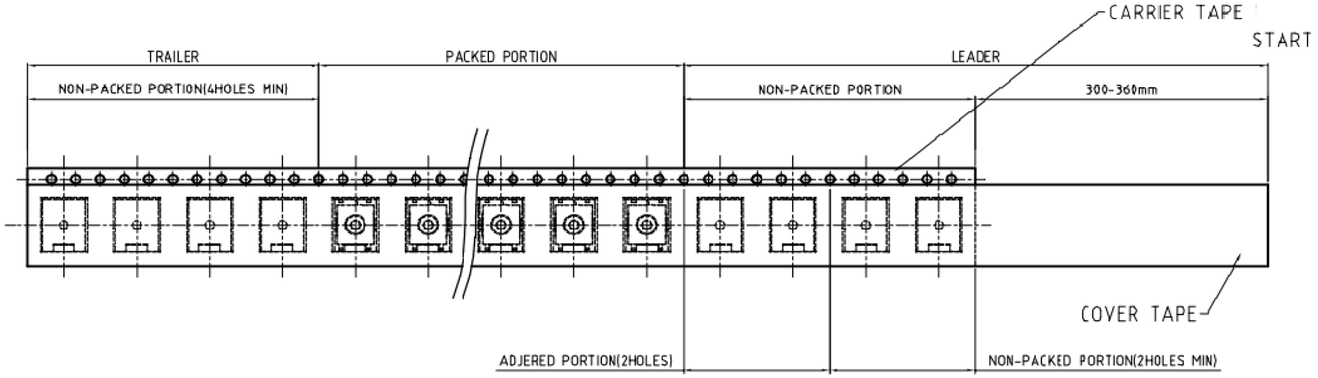


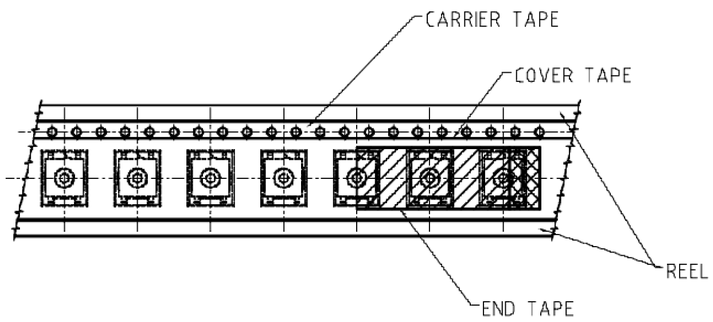


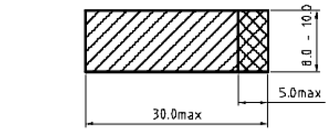
-THE DIRECTION OF PILOT HOLES-

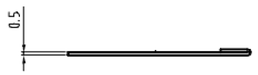


-THE DIMENSION OF CARRIER TAPE, COVER TAPE AND REEL-









-END TAPE-

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 ± –

MATERIAL –
FINISH –

DWN	13MAR2007	
CHK	20MAR2007	M.SARVER
APVD	20MAR2007	M.SARVER
PRODUCT SPEC	–	
APPLICATION SPEC	–	
WEIGHT	–	

TE Connectivity

NAME: TACTILE SWITCH FSM1LP

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A2	00779	C-1-1437565-8	—

CUSTOMER DRAWING | SCALE 4:1 | SHEET 2 OF 2 | REV D3

1-1437565-8