

LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
AD	0		A5	REVISED PER ECO-15-015220	27OCT2015	NK	RH

SPECIFICATIONS:

MATERIAL
BASE, PPS,UL94V-0, BLACK
COVER, PPS, UL94V-0, BLACK
ACTUATOR, PA6T, UL94V-0, WHITE
FIXED CONTACT/TERMINAL, CU ALLOY-GOLD FLASH OVER NICKEL
MOVING CONTACT, CU ALLOY, PLATE-GOLD FLASH/NICKEL
TAPE SEAL-POLYIMIDE FILM, AMBER, SEE P/N TABLE FOR OPTIONS

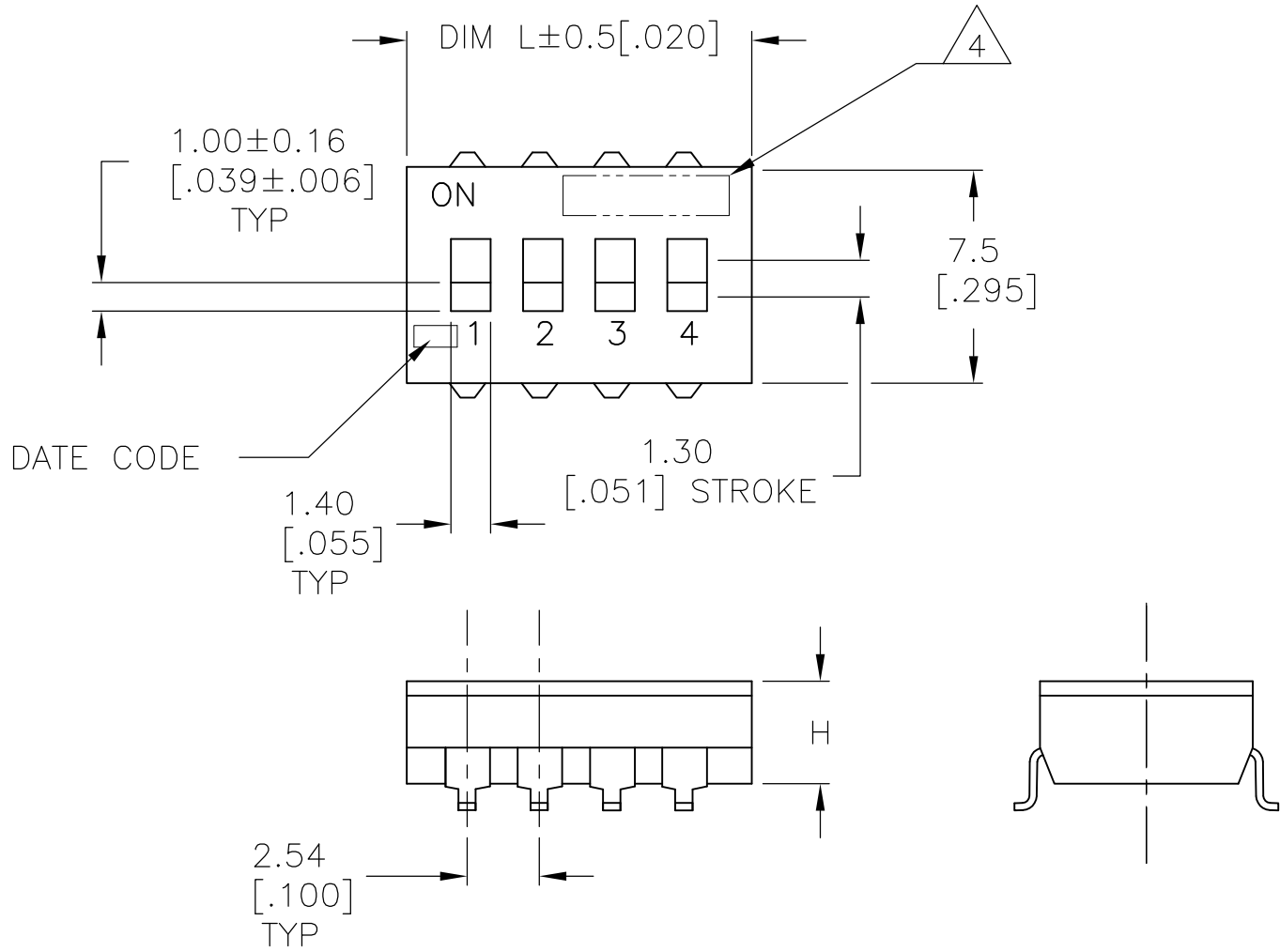
ELECTRICAL
MAX CONTACT RATING SWITCHING, 100MILLIAMP @ 24 VDC
MIN CONTACT RATING SWITCHING, .1MICROAMP @ 1 MILLIVOLT
MAX CONTACT NON-SWITCHING, 1AMP @ 5 VDC
INITIAL CONTACT RESISTANCE, 50 MILLIOHMS MAX.
CONTACT RESISTANCE (AFTER ENVIRONMENTAL TEST), 100 MILLIOHMS
CONTACT RESISTANCE (AFTER GAS TEST), 300 MILLIOHMS
INSULATION RESISTANCE, 1,000 MEGOHMS MIN. @ 100 VDC
DIELECTRIC STRENGTH, 500 VAC RMS @ SEA LEVEL
LIFE EXPECTANCY, 1,000 CYCLES

MECHANICAL
OPERATING FORCE, LESS THAN 800 GRAMS
CONTACT PRESSURE, 280,000 PSI

ENVIRONMENTAL
OPERATING TEMPERATURE, -30 TO +85 DEGREES C
STORAGE TEMPERATURE, -45 TO +105 DEGREES C
CLEANING, AQUEOUS OR SOLVENT
SOLDER HEAT RESISTANCE, PER 109-201, COND B, SWITCH "OFF".
SOLDERABILITY PER JIS C 0050 & JIS C 0053.

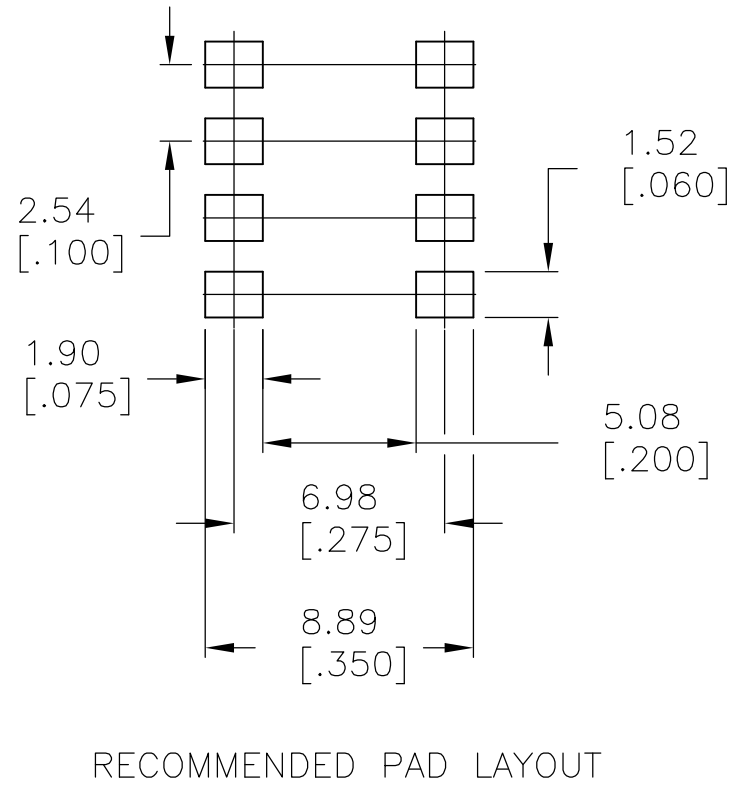
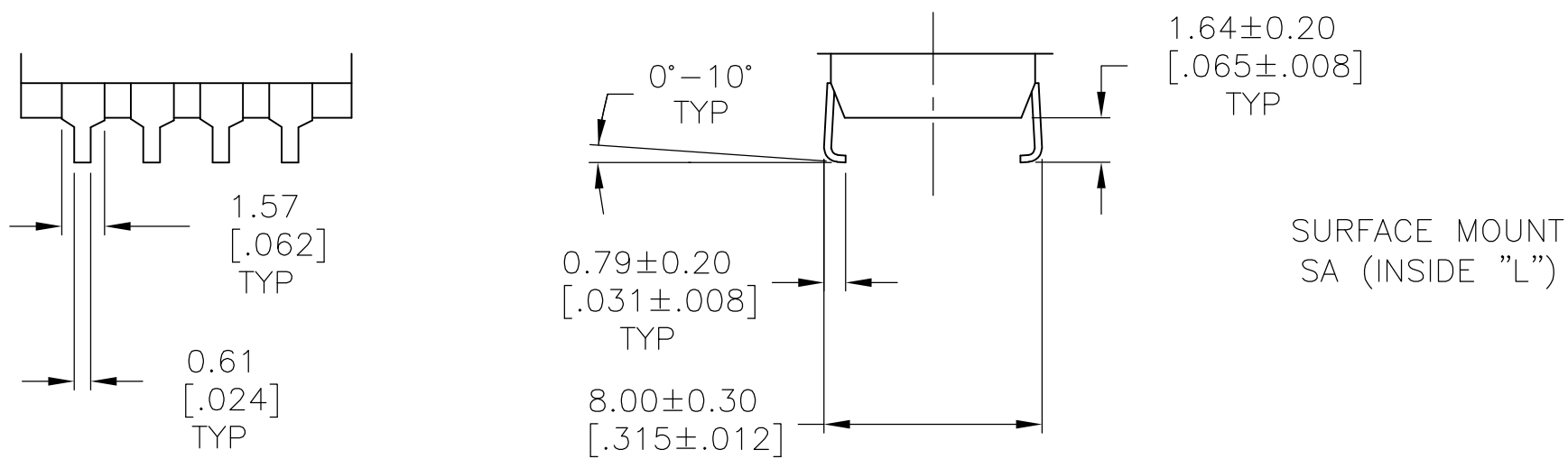
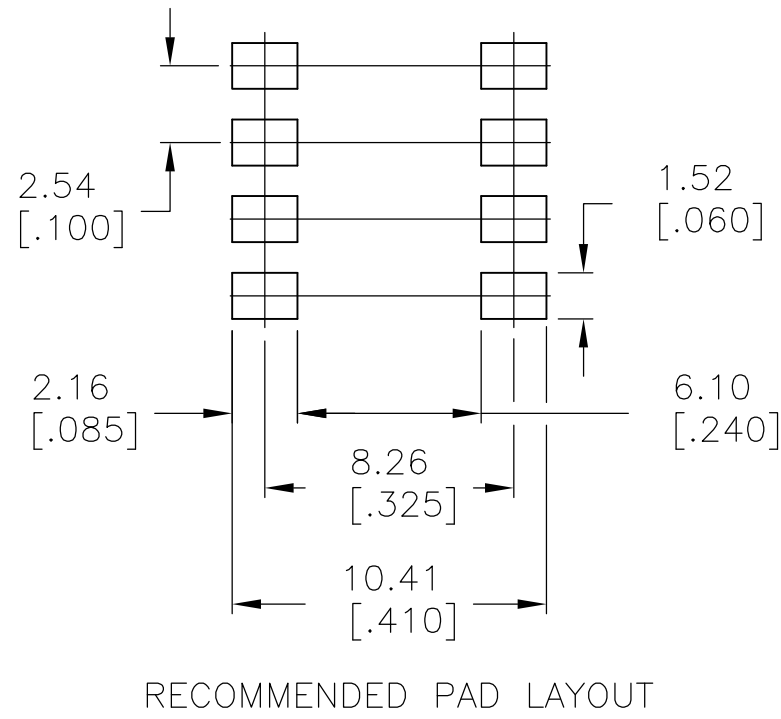
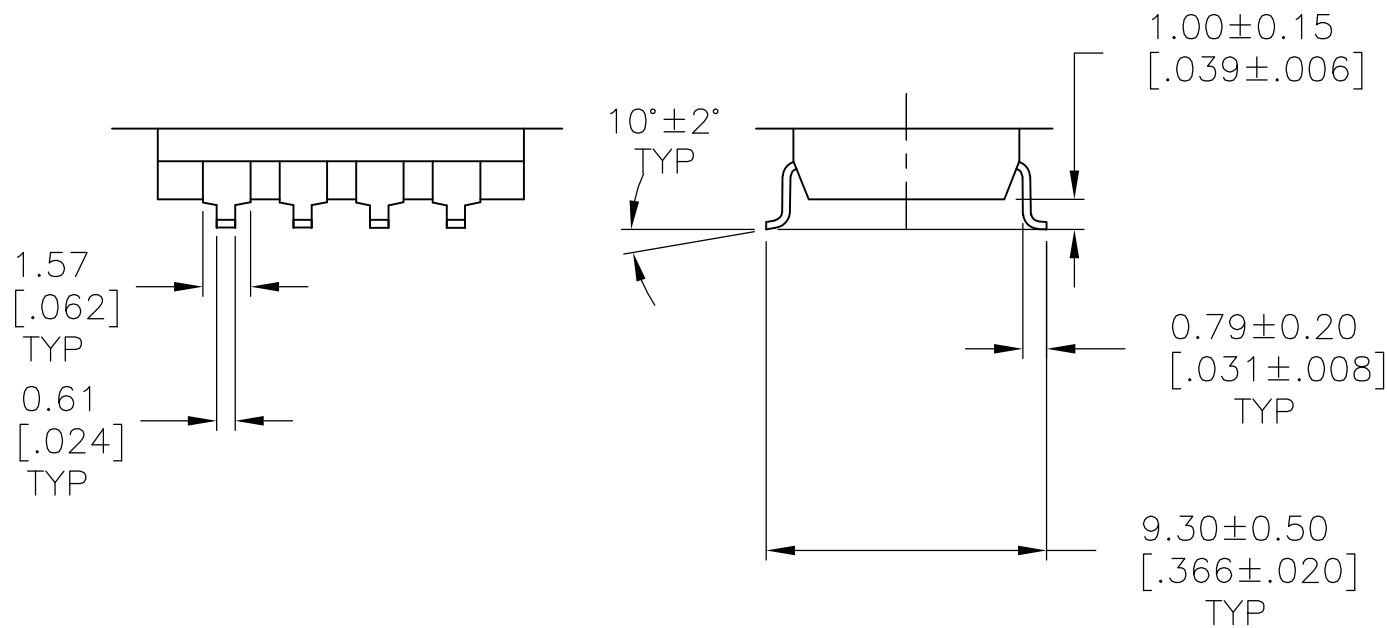
- 1 SWITCHES TO BE RECEIVED IN THE "OFF" POSITION AND PACKAGED IN CLEAR TUBES TO ACCOMMODATE AUTO-INSERTION OR PACKAGED ON TAPE AND REEL
- 2 TOP SURFACE TO BE CLEARLY MARKED AS SHOWN
- 3 SWITCHES TO BE BLACK WITH WHITE ACTUATORS AND MARKINGS.
- 4 TERMINAL OPTION: OLD T&B P/N ADExxS, SA OR SB
S= OUTSIDE "L" TERMINALS; SA= INSIDE "L" TERMINALS;
SB= BUTT TERMINALS
- 5 ALL MATERIALS AND FINISHES SHALL COMPLY WITH EU DIRECTIVE 2002/95/EC OF 27JAN2003 (ROHS)
- 6 TOP TAPE SEAL AVAILABLE, SEE TABLE FOR OPTIONS.
- 7 TAPE AND REEL PACKAGING PER EIA 481.
- 8 OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

SEE SHEET 3 FOR PART NUMBER TABLE
SEE SHEET 2 FOR MOUNTING OPTIONS



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN B.S.VISWESWARA 11FEB05	TE Connectivity			
DIMENSIONS: mm [INCHES]	TOLERANCES UNLESS OTHERWISE SPECIFIED:	CHK M.SARVER	NAME			
		APVD M.SARVER				
	0 PLC ± - 1 PLC ± - 2 PLC ± 0.30[.012] 3 PLC ± - 4 PLC ± - ANGLES ± -	PRODUCT SPEC	DIP SWITCH, ADF-SMT SERIES			
		APPLICATION SPEC				
MATERIAL -	FINISH -	WEIGHT -	SIZE A2	CAGE CODE -	DRAWING NO C=1825059	RESTRICTED TO -
		CUSTOMER DRAWING	SCALE 4:1	SHEET 1 OF 3	REV A5	

LOC	DIST	REVISIONS					
AD	0	P	LTR	DESCRIPTION	DATE	DWN	APVD
			—	SEE SHEET 1	—	—	—



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN B.S.VISWESWARA 11FEB05	TE Connectivity			
DIMENSIONS: mm [INCHES]		CHK M.SARVER				
	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± - 1 PLC ± - 2 PLC ± 0.30[.012] 3 PLC ± - 4 PLC ± - ANGLES ± - FINISH -		APVD M.SARVER	NAME		
			PRODUCT SPEC	DIP SWITCH, ADF-SMT SERIES		
			APPLICATION SPEC	SIZE	CAGE CODE	DRAWING NO
			WEIGHT	A2	-	C=1825059
MATERIAL	-		CUSTOMER DRAWING		SCALE	4:1
				SHEET	2 OF 3	REV
				A5		

4

3

2

1

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RELEASED FOR PUBLICATION

1825059 , 1825059

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LOC

DIST

AD

0

REVISIONS

P

LTR

DESCRIPTION

DATE

DWN

APVD

-

SEE SHEET 1

-

-

-

ADF09S04

3.50[.138]

24.54[.978]

NO

9

4-1825059-3

ADF08STTR04

3.50[.138]

22.30[.878]

YES

8

4-1825059-2

ADF08ST04

3.50[.138]

22.30[.878]

YES

8

4-1825059-1

ADF08SATTR04

3.50[.138]

22.30[.878]

YES

8

4-1825059-0

ADF08SAT04

3.50[.138]

22.30[.878]

YES

8

3-1825059-9

ADF08SA04

3.50[.138]

22.30[.878]

NO

8

3-1825059-8

ADF08S04

3.50[.138]

22.30[.878]

NO

8

3-1825059-7

ADF07STTR04

3.50[.138]

19.76[.778]

YES

7

3-1825059-6

ADF07ST04

3.50[.138]

19.76[.778]

YES

7

3-1825059-5

ADF07SATTR04

3.50[.138]

19.76[.778]

YES

7

3-1825059-4

ADF07SAT04

3.50[.138]

19.76[.778]

YES

7

3-1825059-3

ADF07SA04

3.50[.138]

19.76[.778]

NO

7

3-1825059-2

ADF07S04

3.50[.138]

19.76[.778]

NO

7

3-1825059-1

ADF06STTR04

3.50[.138]

17.22[.678]

YES

6

3-1825059-0

ADF06ST04

3.50[.138]

17.22[.678]

YES

6

2-1825059-9

ADF06SATTR04

3.50[.138]

17.22[.678]

YES

6

2-1825059-8

ADF06SAT04

3.50[.138]

17.22[.678]

YES

6

2-1825059-7

ADF06SA04

3.50[.138]

17.22[.678]

NO

6

2-1825059-6

ADF06S04

3.50[.138]

17.22[.678]

NO

6

2-1825059-5

ADF05STTR04

3.50[.138]

14.68[.578]

YES

5

2-1825059-4

ADF05ST04

3.50[.138]

14.68[.578]

YES

5

2-1825059-3

ADF05SATTR04

3.50[.138]

14.68[.578]

YES

5

2-1825059-2

ADF05SAT04

3.50[.138]

14.68[.578]

YES

5

2-1825059-1

ADF05SA04

3.50[.138]

14.68[.578]

NO

5

2-1825059-0

ADF05S04

3.50[.138]

14.68[.578]

NO

5

1-1825059-9

ADF04STTR04

3.50[.138]

12.14[.478]

YES

4

1-1825059-8

ADF04ST04

3.50[.138]

12.14[.478]

YES

4

1-1825059-7

ADF04SATTR04

3.50[.138]

12.14[.478]

YES

4

1-1825059-6

ADF04SAT04

3.50[.138]

12.14[.478]

YES

4

1-1825059-5

ADF04SA04

3.50[.138]

12.14[.478]

NO

4

1-1825059-4

ADF04S04

3.50[.138]

12.14[.478]

NO

4

1-1825059-3

ADF03STTR04

3.50[.138]

9.60[.378]

YES

3

1-1825059-2

ADF03ST04

3.50[.138]

9.60[.378]

YES

3

1-1825059-1

ADF03SATTR04

3.50[.138]

9.60[.378]

YES

3

1-1825059-0

ADF03SAT04

3.50[.138]

9.60[.378]

YES

3

~~1825059-9~~

ADF03SA04

3.50[.138]

9.60[.378]

NO

3

~~1825059-8~~

ADF03S04

3.50[.138]

9.60[.378]

NO

3

1825059-7

ADF02STTR04

3.50[.138]

7.06[.278]

YES

2

1825059-6

ADF02ST04

3.50[.138]

7.06[.278]

YES

2

1825059-5

ADF02SATTR04

3.50[.138]

7.06[.278]

YES

2

1825059-4

ADF02SAT04

3.50[.138]

7.06[.278]

YES

2

1825059-3

ADF02SA04

3.50[.138]

7.06[.278]

NO

2

1825059-2

ADF02S04

3.50[.138]

7.06[.278]

NO

2

1825059-1

T&B P/N

DIM H

DIM L

SEAL

POS

PART NO.

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN

B.S.VISWESWARA

CHK

M.SARVER

APVD

M.SARVER

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

CUSTOMER DRAWING

DIMENSIONS:

mm [INCHES]

0 PLC

1 PLC

2 PLC

3 PLC

4 PLC

ANGLES

FINISH

± -

± -

± 0.30[.012]

± -

± -

± -

-

MATERIAL

-

11FEB05

-

-

-

-

-

A2

4:1

3 of 3

A5

TE Connectivity

DIP SWITCH, ADF-SMT SERIES

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

SCALE

SHEET

REV

1471-9 (3/11)

1825059

8

OBSOLETE