

4

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LOC	DIST	REVISIONS			
		F	LNK	DATE	OWN
AD	0	A2	REVISED PER ECO-11-004587	11MAR11	RK HMR

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, 100MILLIAMPS @ 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

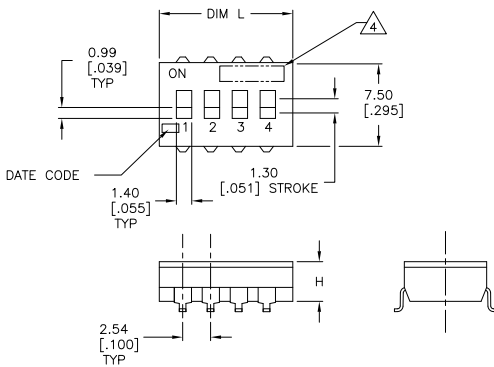
5. ALL MATERIALS AND FINISHES SHALL COMPLY WITH EU DIRECTIVE 2002/95/EC OF 27JAN2003 (ROHS)

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



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DIMENSIONS: mm [INCHES]		CHK M. SARVER	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APPD M. SARVER	
0 PLD		PRODUCT SPEC	
1 PLD		APPLICATION SPEC	
2 PLD		WEIGHT	
3 PLD			
4 PLD			
ANGLES			
MATERIAL			
FINISH			
		SIZE	CAGE CODE
		A2	C=1825059
		DRAWING NO	RESTRICTED TO
		CUSTOMER DRAWING	SCALE 4:1 SHEET 1 of 3 REV A2

TE Connectivity

DIP SWITCH, ADF-SMT SERIES

4

3

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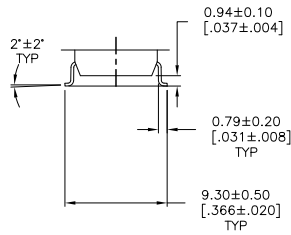
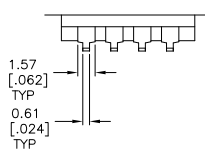
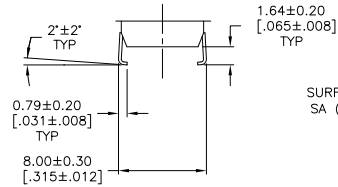
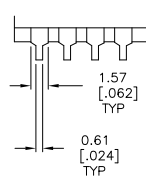
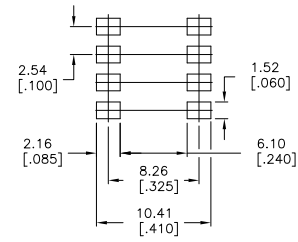
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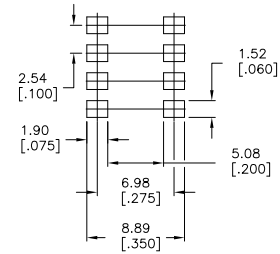
LOC
ADDIST
0

REVISIONS

F	LNK	DESCRIPTION	DATE	OWN	APPD
-	-	SEE SHEET 1	-	-	-

SURFACE MOUNT
S (OUTSIDE "L")SURFACE MOUNT
SA (INSIDE "L")

RECOMMENDED PAD LAYOUT



RECOMMENDED PAD LAYOUT

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OWN: S.S.VISWESWARA 11FE805

CHK: M. SARVER

APPD: M. SARVER

PRODUCT SPEC: --

APPLICATION SPEC: --

WEIGHT: --

CUSTOMER DRAWING

DIMENSIONS:

mm [INCHES]

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLD ± --

1 PLD ± --

2 PLD ± --

3 PLD ± --

4 PLD ± --

ANGLES ± --

FINISH: --



TE Connectivity

DIP SWITCH, ADF-SMT SERIES

SIZE

CAGE CODE

DRAWING NO.

RESTRICTED TO

A2

C=1825059

SCALE

4:1

SHEET

2 of 3

REV

A2

1471-9 (3/11)

1825059

B

A

4

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LOC

DIST

AD

0

REVISIONS

F	LNK	DESCRIPTION	DATE	OWN	APPD
—	—	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.

OBSOLETE



ADF03STTR04	3.50[.138]	9.60[.378]	NO	3	6-1825059-1
ADF12STTR04	3.61[.142]	32.51[1.280]	YES	12	6-1825059-0
ADF12ST04	3.61[.142]	32.51[1.280]	YES	12	5-1825059-9
ADF12SATTR04	3.61[.142]	32.51[1.280]	YES	12	5-1825059-8
ADF12SAT04	3.61[.142]	32.51[1.280]	YES	12	5-1825059-7
ADF12SA04	3.61[.142]	32.51[1.280]	NO	12	5-1825059-6
ADF12S04	3.61[.142]	32.51[1.280]	NO	12	5-1825059-5
ADF10STTR04	3.50[.138]	27.36[1.078]	YES	10	5-1825059-4
ADF10ST04	3.50[.138]	27.36[1.078]	YES	10	5-1825059-3
ADF10SATTR04	3.50[.138]	27.36[1.078]	YES	10	5-1825059-2
ADF10SAT04	3.50[.138]	27.36[1.078]	YES	10	5-1825059-1
ADF10SA04	3.50[.138]	27.36[1.078]	NO	10	5-1825059-0
ADF10S04	3.50[.138]	27.36[1.078]	NO	10	4-1825059-9
ADF09STTR04	3.50[.138]	24.54[.978]	YES	9	4-1825059-8
ADF09ST04	3.50[.138]	24.54[.978]	YES	9	4-1825059-7
ADF09SATTR04	3.50[.138]	24.54[.978]	YES	9	4-1825059-6
ADF09SAT04	3.50[.138]	24.54[.978]	YES	9	4-1825059-5
ADF09SA04	3.50[.138]	24.54[.978]	NO	9	4-1825059-4
T&B P/N	DIM H	DIM L	SEAL	POS	PART NO.

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CHK

M. SARVER

APPD

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PRODUCT SPEC

APPLICATION SPEC

WEIGHT

CUSTOMER DRAWING

SCALE

4:1

SHEET

3 of 3

REV

A2



TE Connectivity

DIP SWITCH, ADF-SMT SERIES

RESTRICTED TO

SIZE

CASE CODE

DRAWING NO

C=1825059

SCALE

4:1

SHEET

3 of 3

REV

A2