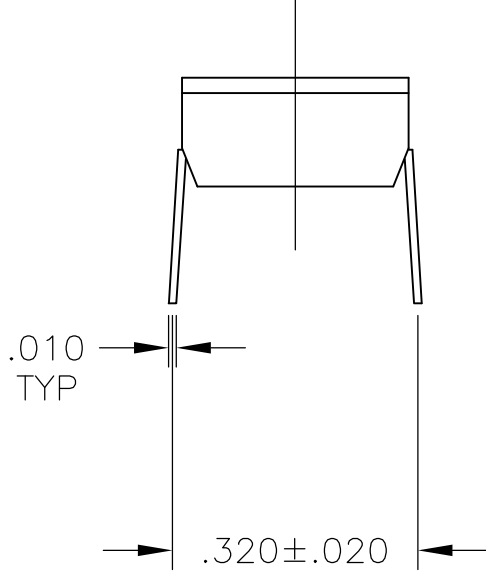
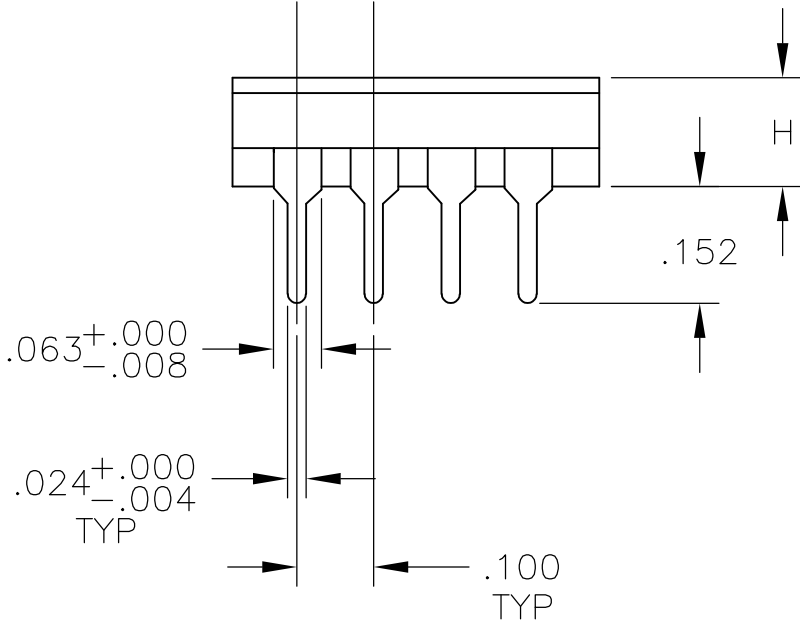
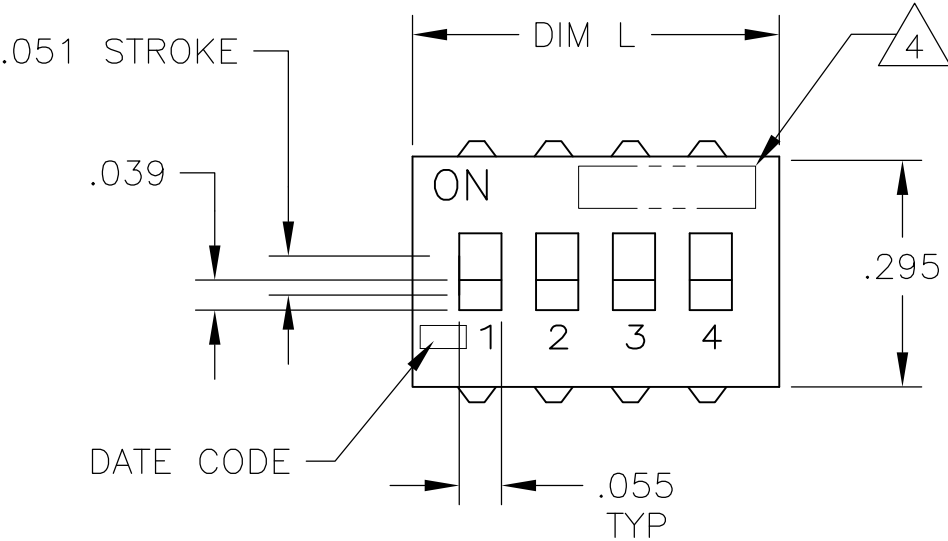
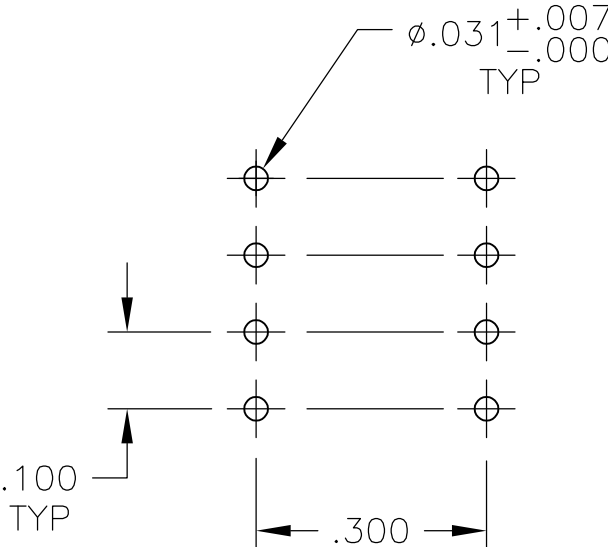


| LOC | DIST | REVISIONS |     |                           |         |     |      |
|-----|------|-----------|-----|---------------------------|---------|-----|------|
|     |      | P         | LTR | DESCRIPTION               | DATE    | OWN | APVD |
| AD  | 0    |           | 02  | REVISED PER ECO-08-00954  | 1/11/08 | SS  | MS   |
|     |      |           | 03  | REVISED PER ECO-09-024927 | 09NOV09 | KK  | AEG  |



ADF



P.C. LAYOUT  
INSERT MOUNT

SPECIFICATION:

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.
2.

TOP SURFACE TO BE CLEARLY MARKED AS SHOWN
3.

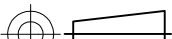
SWITCHES TO BE BLACK WITH WHITE ACTUATORS AND MARKINGS.
4.

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

TOP TAPE SEAL AVAILABLE, SEE P/N TABLE FOR OPTIONS
6.

OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

SEE SHEET 2 FOR PART NUMBER TABLE

|                                                                                       |  |                                                                                                                                |  |                                             |  |                                                                                                                                                   |  |                         |  |                    |  |
|---------------------------------------------------------------------------------------|--|--------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------|--|---------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------|--|--------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                |  | DWN<br>B.S.VISWESWARA<br>CHK<br>M.SARVER<br>APVD<br>M.SARVER<br>PRODUCT SPEC<br>APPLICATION SPEC<br>WEIGHT<br>CUSTOMER DRAWING |  | 10FEB05<br>-<br>-<br>-<br>-<br>-            |  | <div><div><div></div><div></div></div><div>Tyco<br/>Electronics</div></div> <div>Tyco Electronics Corporation<br/>Harrisburg, Pa 17105-3808</div> |  |                         |  |                    |  |
| DIMENSIONS:<br>INCHES                                                                 |  | TOLERANCES UNLESS<br>OTHERWISE SPECIFIED:                                                                                      |  | NAME<br>DIP SWITCH, ADF THRU HOLE<br>-<br>- |  |                                                                                                                                                   |  |                         |  |                    |  |
|  |  | 0 PLC ± -<br>1 PLC ± -<br>2 PLC ± -<br>3 PLC ± .012<br>4 PLC ± -<br>ANGLES ± -                                                 |  | SIZE<br>A2                                  |  | CAGE CODE<br>00779                                                                                                                                |  | DRAWING NO<br>C=1825002 |  | RESTRICTED TO<br>- |  |
| MATERIAL<br>-                                                                         |  | FINISH<br>-                                                                                                                    |  | SCALE<br>4:1                                |  | SHEET<br>1 OF 2                                                                                                                                   |  | REV<br>03               |  |                    |  |

4

3

2

1

THIS DRAWING IS UNPUBLISHED.

RELEASED FOR PUBLICATION

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LOC

DIST

AD

00

P

LTR

DESCRIPTION

DATE

DWN

APVD

—

SEE SHEET 1

—

—

—

6

OBSOLETE

ADF12T04

.142

1.280

YES

12

2—1825002—0

6

OBSOLETE

ADF1204

.142

1.280

NO

12

1—1825002—9

6

OBSOLETE

ADF10T04

.138

1.078

YES

10

1—1825002—8

6

OBSOLETE

ADF1004

.138

1.078

NO

10

1—1825002—7

6

OBSOLETE

ADF09T04

.138

0.978

YES

9

1—1825002—6

6

OBSOLETE

ADF0904

.138

0.978

NO

9

1—1825002—5

6

OBSOLETE

ADF08T04

.138

0.878

YES

8

1—1825002—4

6

OBSOLETE

ADF0804

.138

0.878

NO

8

1—1825002—3

6

OBSOLETE

ADF07T04

.138

0.778

YES

7

1—1825002—2

6

OBSOLETE

ADF0704

.138

0.778

NO

7

1—1825002—1

6

OBSOLETE

ADF06T04

.138

0.678

YES

6

1—1825002—0

6

OBSOLETE

ADF0604

.138

0.678

NO

6

1825002—9

6

OBSOLETE

ADF05T04

.138

0.578

YES

5

1825002—8

6

OBSOLETE

ADF0504

.138

0.578

NO

5

1825002—7

6

OBSOLETE

ADF04T04

.138

0.478

YES

4

1825002—6

6

OBSOLETE

ADF0404

.138

0.478

NO

4

1825002—5

6

OBSOLETE

ADF03T04

.138

0.378

YES

3

1825002—4

6

OBSOLETE

ADF0304

.138

0.378

NO

3

1825002—3

6

OBSOLETE

ADF02T04

.138

0.278

YES

2

1825002—2

6

OBSOLETE

ADF0204

.138

0.278

NO

2

1825002—1

6

OBSOLETE

T&B P/N

DIM H

DIM L

SEAL

POS

PART NO.

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:  
INCHES

MATERIAL

—

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ± —

1 PLC ± —

2 PLC ± —

3 PLC ± .012

4 PLC ± —

ANGLES ± —

FINISH

—

DWN  
B.S.VISWESWARA

CHK  
M.SARVER

APVD  
M.SARVER

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

CUSTOMER DRAWING

19AUG03

—

—

—

—

—

—

Tyco Electronics Corporation  
Harrisburg, Pa 17105—3808

NAME  
DIP SWITCH, ADF THRU HOLE

SIZE  
A2

CAGE CODE  
00779

DRAWING NO  
C=1825002

RESTRICTED TO  
—

SCALE  
1:1

SHEET  
2

OF  
2

REV  
03

AMP 1471—9 REV 31MAR2000

1825002

A