DRAWING MADE IN THIRD ANGLE PROJECTION

THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION ,19 .

© COPYRIGHT 19 BY AMP INCORPORATED. ALL INTERNATIONAL RIGHTS RESERVED.

| LOC | DIST | P | F |
|---|---|---|---|
| DF | LO | | |

REVISIONS

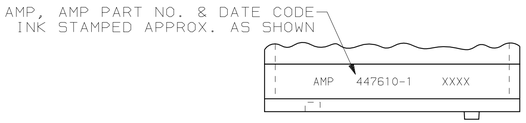
| ZONE | LTR | DESCRIPTION | DATE | APPD |
|---|---|---|---|---|
| | E | REV PER ECO 05-10335 CT | 6-06 | SG |

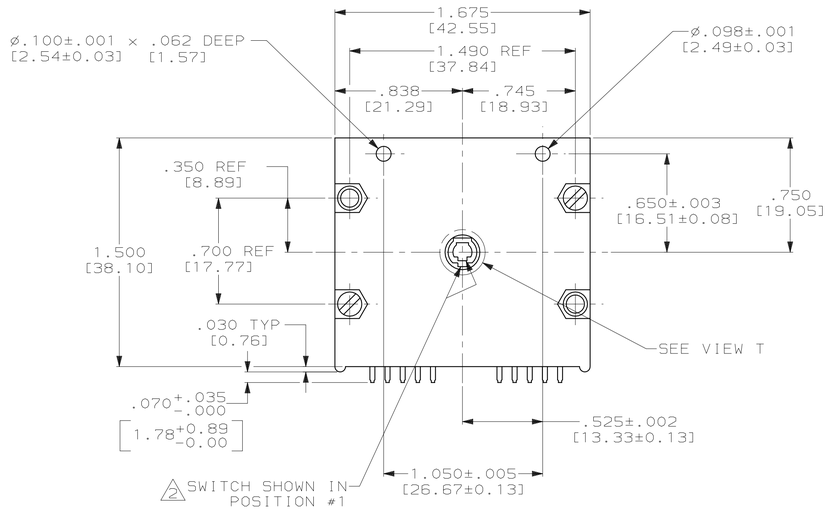
18 POSN. 20° THROW, LAYER 1 △8
● = CLOSED TO RESPECTIVE COMMON

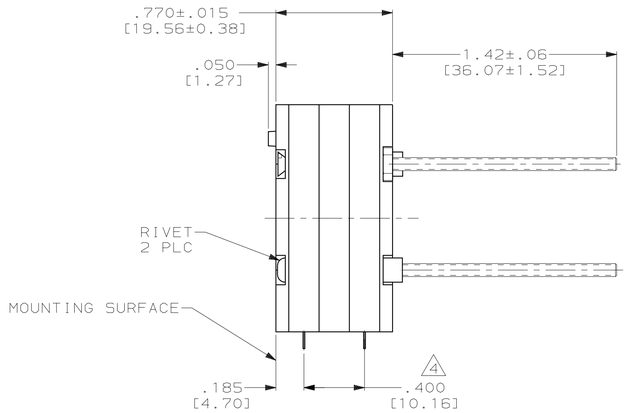
| POSN. | | B | C | D | E | F | G |
|---|---|---|---|---|---|---|---|
| 1 | | ● | ● | ● | ● | ● | ● |
| 2 | | ● | ● | ● | ● | | ● |
| 3 | | ● | ● | ● | | ● | ● |
| 4 | | ● | ● | ● | | | ● |
| 5 | | ● | ● | | ● | ● | ● |
| 6 | | ● | | ● | ● | ● | ● |
| 7 | | ● | | ● | ● | | ● |
| 8 | | ● | | ● | | ● | ● |
| 9 | | ● | | ● | | | ● |
| 10 | | ● | | | ● | ● | ● |
| 11 | | | ● | ● | ● | ● | ● |
| 12 | | | ● | ● | ● | | ● |
| 13 | | | ● | ● | | ● | ● |
| 14 | | | ● | ● | | | ● |
| 15 | | | ● | | ● | ● | ● |
| 16 | | | | ● | ● | ● | ● |
| 17 | | | | ● | ● | | ● |
| 18 | | | | ● | | ● | ● |

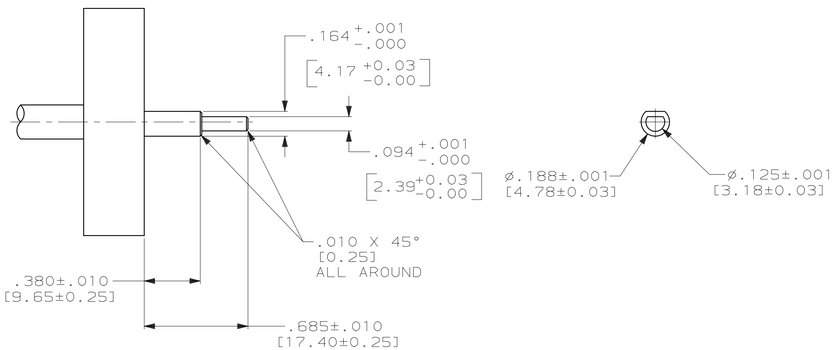
20 POSN. 18° THROW, LAYER 3 △7 △9
● = CLOSED TO RESPECTIVE COMMON

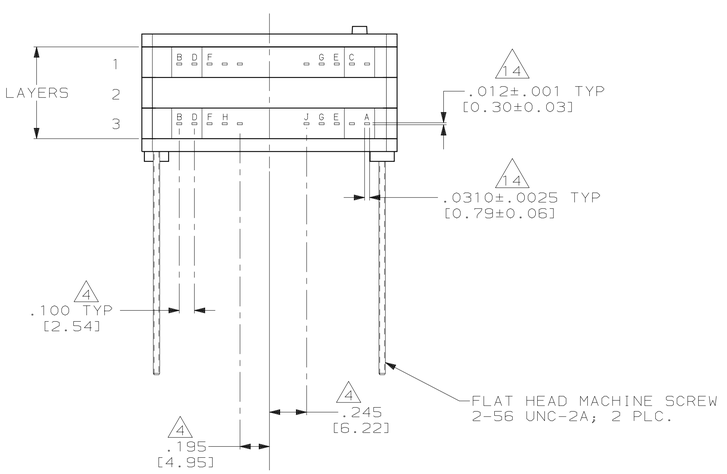
| POSN. | A | B | | D | E | F | G | H | J |
|---|---|---|---|---|---|---|---|---|---|
| 1 | ● | ● | | ● | ● | ● | ● | ● | ● |
| 2 | ● | ● | | ● | ● | ● | ● | | ● |
| 3 | ● | ● | | ● | ● | ● | | ● | ● |
| 4 | ● | ● | | ● | ● | ● | | | ● |
| 5 | ● | ● | | ● | ● | | ● | ● | ● |
| 6 | ● | ● | | ● | ● | | ● | | ● |
| 7 | ● | ● | | ● | ● | | | ● | ● |
| 8 | ● | ● | | ● | ● | | | | ● |
| 9 | ● | ● | | ● | | ● | ● | ● | ● |
| 10 | ● | ● | | ● | | ● | ● | | ● |
| 11 | ● | ● | | | ● | ● | ● | ● | ● |
| 12 | ● | ● | | | ● | ● | ● | | ● |
| 13 | ● | ● | | | ● | ● | | ● | ● |
| 14 | ● | ● | | | ● | ● | | | ● |
| 15 | ● | ● | | | ● | | ● | ● | ● |
| 16 | ● | ● | | | ● | | ● | | ● |
| 17 | ● | ● | | | ● | | | ● | ● |
| 18 | ● | ● | | | ● | | | | ● |
| 19 | ● | ● | | | | ● | ● | ● | ● |
| 20 | ● | ● | | | | ● | ● | | ● |

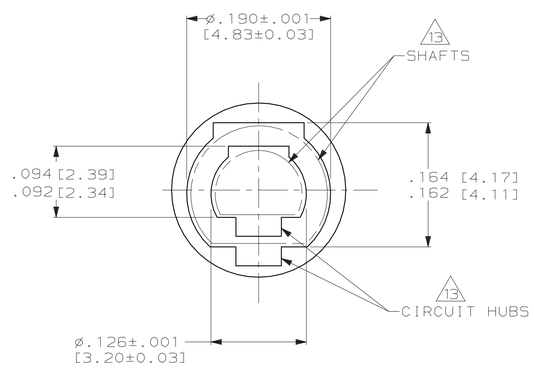



VIEW T
SCALE 10:1

CUSTOMER ASSEMBLY INFORMATION
(SHAFTS SHOWN OUT OF SCALE FOR CLARITY)

## RECOMMENDED DRIVE MECHANISM DIMENSIONS

1. SWITCH NOT TO BE DISASSEMBLED.
2. SWITCH POSITIONS INCREASE WHEN ROTATED IN A CLOCKWISE DIRECTION.
3. DO NOT MAKE ELECTRICAL CONNECTION TO ANY UNUSED PINS.
4. THESE DIMENSIONS HAVE NON-CUMULATIVE TOLERANCES.
5. THE TORQUE REQUIRED TO ROTATE EITHER #1 OR #2 PRINTED CIRCUIT BOARD IS NOT TO EXCEED 1.5 1NCH-OUNCE.
6. FOR ADDITIONAL SPECIFICATIONS SEE AMP PRODUCT SPEC. 108-7061.
7. IN LAYER 3 PIN "B" IS CLOSED TO "A" COMMON IN POSITION, OPENING BETWEEN DETENT POSITIONS.
8. IN LAYER #1 PINS B,C,D,E & F ARE CLOSED TO "G" COMMON.
9. IN LAYER #3 PINS D,E,F,G & H ARE CLOSED TO "J" COMMON.
10. ~~CODE TRANSITION TO TAKE PLACE MIDWAY BETWEEN DETENT POSITIONS ±1.5°.~~
11. ALL ELECTRICALLY ACTIVE PINS ARE IDENTIFIED BY LETTERS. THOSE NOT ELECTRICALLY ACTIVE ARE SHOWN, BUT NOT LETTERED.
12. SWITCH IS 100% ELECTRICAL TESTED AND INSPECTED.
13. FLATS ON CIRCUIT HUBS AND CUSTOMER GEAR BOX SHAFTS MUST BE ORIENTED AS SHOWN.
14. CONTACT DIMENSION DOES NOT INCLUDE CUT-OFF BURR.

447610-1
PART NO.

| | |
|---|---|
| DO NOT SCALE PRINT. UNLESS SPECIFIED DIMENSIONS IN INCHES [mm] TOLERANCES ON : 2 PLC DEC ± - 3 PLC DEC ± .010 [0.25] ANGLES ± - | DR 1-17-91 CHUCK THOMAS |
| | CHK 1-22-91 S.GLADFELTER |
| | APPD 1-22-91 S.GLADFELTER |
| MATERIAL - | APPD 1-22-91 C.THOMAS |
| | PRODUCT SPEC - |
| FINISH - | APPLICATION SPEC - |
| | WEIGHT _ |

AMP Incorporated
Harrisburg, PA 17105-3608

NAME
ROTARY SWITCH ASSY,
3510 SERIES, MULTI-BUSHING, 20 POSN.
PRIMARY, 18 POSN SECONDARY, 3 LAYER

| SIZE | CAGE CODE | DRAWING NO |
|---|---|---|
| D | 00779 | 447610 |
| SCALE 2:1 | | SHEET 1 OF 1 |

CUSTOMER DRAWING

AMP 1756-3 REV 11-89

14-JUN-06 12:54:45 us016412 /home/us016412/docmod

# Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

## TE Connectivity:

SMW73R0JT U5254-000005-030PA 141991-2 1743455-2 2834055-1 3-1393225-0 TE50BR39J 1393431-1 2-292161-3 2005330-1 3430B2F51RTDF 3631B101LL 175977-2 650075-000 936348-1 ROX05SJ18R 1-794222-0 2377783-2 917696-1 1903112-2 CPF0402B37K4E1 SBCHE64R7K 2380312-2 CRGCQ2010J3K3 2310537-1 RH73H2A40MKTN 1-962915-1 1969656-1 MPT100C18RF SBCHE154R7K