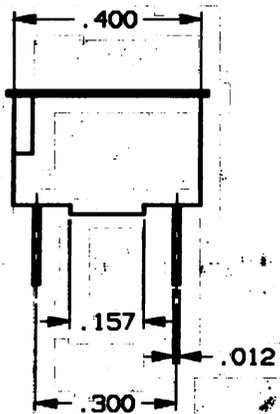
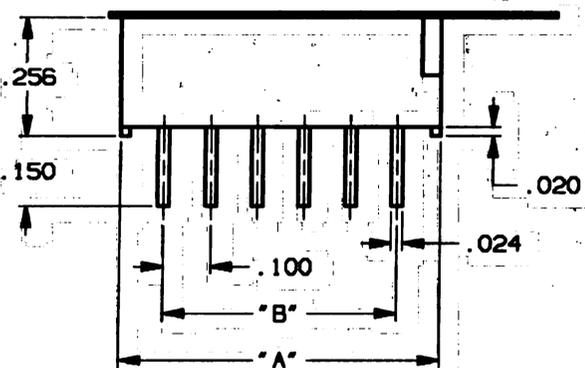
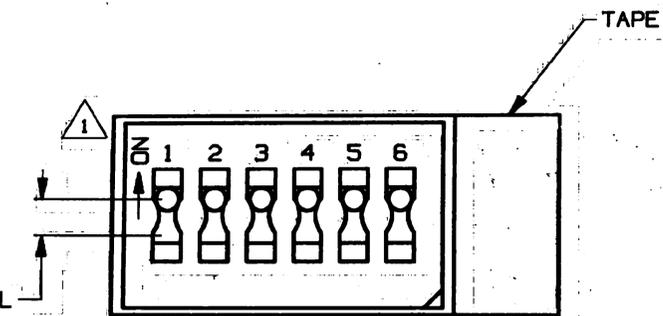


| CONVERSION CHART | | CONVERSION CHART | |
|------------------|------|------------------|-------|
| INCH | MM | INCH | MM |
| .002 | 0.05 | .890 | 22.61 |
| .010 | 0.25 | .900 | 22.86 |
| .012 | 0.30 | .998 | 25.35 |
| .020 | 0.50 | 1.083 | 27.51 |

| | |
|------|-------|
| .024 | 0.61 |
| .039 | 0.99 |
| .079 | 2.00 |
| .100 | 2.54 |
| .150 | 3.81 |
| .157 | 3.99 |
| .197 | 5.00 |
| .200 | 5.08 |
| .256 | 6.50 |
| .283 | 7.19 |
| .300 | 7.62 |
| .386 | 9.80 |
| .400 | 10.16 |
| .484 | 12.29 |
| .500 | 12.70 |
| .587 | 14.91 |
| .600 | 15.24 |
| .685 | 17.40 |
| .700 | 17.78 |
| .787 | 19.99 |
| .800 | 20.32 |



| MODEL | "A" | "B" |
|-------------------|-------|------|
| DTS1 | .197 | — |
| △2 OBSOLETE DTS2 | .283 | .100 |
| DTS3 | .386 | .200 |
| DTS4 | .484 | .300 |
| △2 OBSOLETE DTS5 | .587 | .400 |
| △2 OBSOLETE DTS6 | .685 | .500 |
| DTS7 | .787 | .600 |
| △2 OBSOLETE DTS8 | .890 | .700 |
| DTS9 | .998 | .800 |
| △2 OBSOLETE DTS10 | 1.083 | .900 |

1 SPECIFICATIONS:

MATERIAL:
 BASE: POLYESTER
 HOUSING: POLYESTER
 ACTUATOR: POLYAMIDE
 MOVING CONTACT: COPPER ALLOY
 FIXED CONTACTS/TERMINALS: COPPER ALLOY

ELECTRICAL:
 CONTACT RATING: NON-SWITCHING: 100 ma @ 50 VDC
 SWITCHING: 100 ma @ 5 VDC (TYP)
 25 ma @ 24 VDC (MAX)
 INITIAL CONTACT RESISTANCE: 100 MILLIOHMS MAX.
 INSULATION RESISTANCE: 100 MEGOHMS MIN.
 DIELECTRIC STRENGTH: 500 VDC @ SEA LEVEL.
 LIFE EXPECTANCY: 2,000 CYCLES.

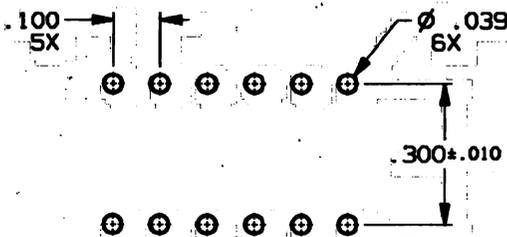
MECHANICAL:
 ACTUATION FORCE: 700g MAX.
 ACTUATION TRAVEL: .079.

ENVIRONMENTAL:
 OPERATING TEMPERATURE: +14°F TO +140°F (-10°C TO +60°C)
 STORAGE TEMPERATURE: -4°F TO +185°F (-20°C TO +85°C).

1 NOTES:

- INTERPRET DRAWING PER ASME Y14.5M-1994.
- SWITCH SHOWN IN ON POSITION.

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



RECOMMENDED HOLE LAYOUT
 TOLERANCE ±.002 UNLESS OTHERWISE NOTED

OUTLINE DRAWING

SPECIFICATIONS ARE SUBJECT TO CHANGES WITHOUT NOTICE

THIS IS A C.A.D. GENERATED DRAWING
 DO NOT MAKE MANUAL REVISIONS TO MASTER.

AUGAT INC.
 452 JOHN DIETSCH BLVD.
 ATTLEBORO FALLS, MASS. 02763

TITLE: **OUTLINE DRAWING**
DIPSWITCH
DTS***

DWG. NO. **80629**
 PRODUCT CODE: **DTS**
 SCALE: **SHEET 1 OF 2**

THIRD ANGLE PROJECTION

TOLERANCES (EXCEPT AS NOTED)
 ANGULAR =
 DECIMAL .XX =
 DECIMAL .XXX = ±.010
 DECIMAL .XXXX =

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FILE NAME: 80629S1L
 DIRECTORY: SWITCHES/DIPSWITCH

MATERIAL: SEE SPECIFICATIONS

FINISH: SEE SPECIFICATIONS

APPROVED: W. MONTAGUE
 DATE: 10-19-95

CODE IDENT. NO. **91506**
 DWG. SIZE **C**

NEXT ASSY:

ORIGINAL DATE OF DRAWING: 10-19-95

DRAWN: L. SILVA
 DATE: 10-19-95

CHECKED: DATE:

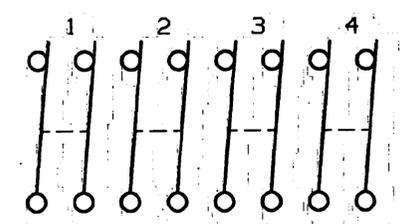
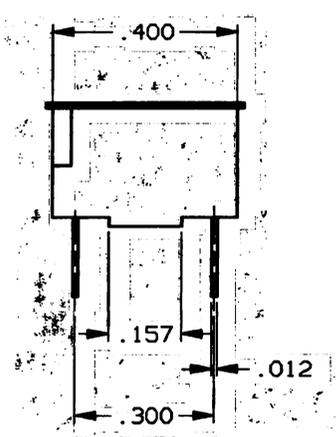
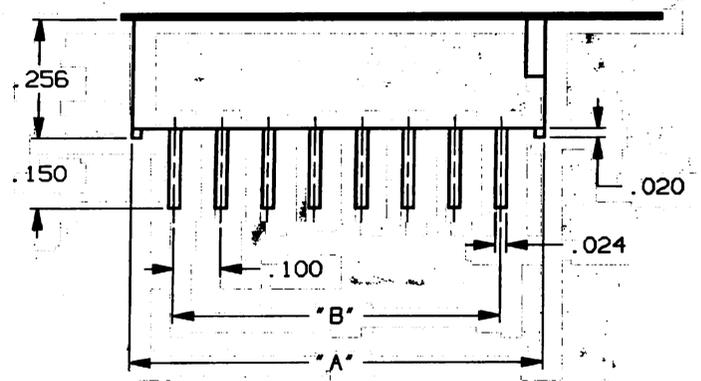
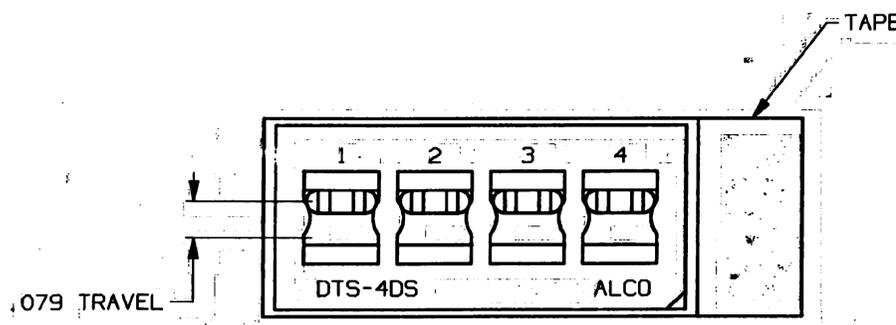
DATE: 10-19-95

REV 0
 INITIAL RELEASE
 ESR# A6970
 L.S. 10-19-95
 APP'D: W.M. 10-19-95

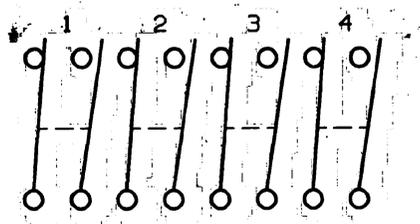
REVISED
 ECO# 605-96
 L.S. 10-21-96
 APP'D: W.M.

REVISIONS

ECO-09-026495
 DR: KK 01FEB10
 APP'D: HMR 01FEB10



CIRCUIT DIAGRAM OF POSITIONS FOR DTS4DS



CIRCUIT DIAGRAM OF POSITIONS FOR DTS4SD

| | MODEL | MODEL | "A" | "B" |
|----------------------|---------|--------|-------|------|
| \triangle OBSOLETE | -DTS1DS | DTS1SD | .283 | .100 |
| \triangle | -DTS2DS | DTS2SD | .484 | .300 |
| \triangle | -DTS3DS | DTS3SD | .685 | .500 |
| \triangle | -DTS4DS | DTS4SD | .890 | .700 |
| \triangle | -DTS5DS | DTS5SD | 1.083 | .900 |

OUTLINE DRAWING
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REVISIONS

SEE SHEET #1

THIRD ANGLE PROJECTION

TOLERANCES (EXCEPT AS NOTED)
ANGULAR =
DECIMAL .XX =
DECIMAL .XXX = ±.010
DECIMAL .XXXX =

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FILE NAME: B0629S2L DIRECTORY: SWITCHES/DIPSWITCH

MATERIAL: SEE SHEET 1

FINISH: SEE SHEET 1

ORIGINAL DATE OF DRAWING: 10-19-95

DRAWN: L. SILVA DATE: 10-19-95

CHECKED: DATE:

APPROVED: *[Signature]* DATE: 10-19-95

CODE IDENT. NO. 91506 DWG. SIZE C

NEXT ASSY:

AUGAT 452 JOHN DIETSCH BLVD. ATTLEBORO FALLS, MASS. 02763 INC.

TITLE: **OUTLINE DRAWING**
DIPSWITCH
DTS***

DWG. NO. 80629 REV. A

PRODUCT CODE: D13

SCALE: SHEET 2 OF 2

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