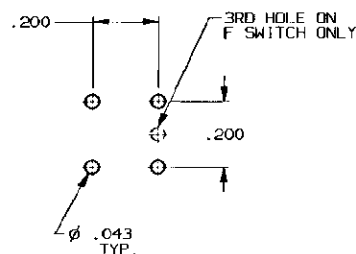
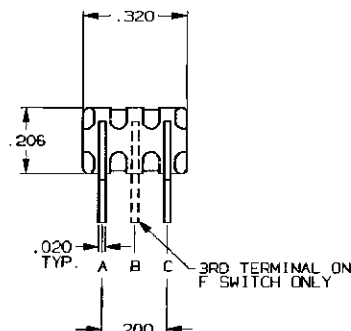
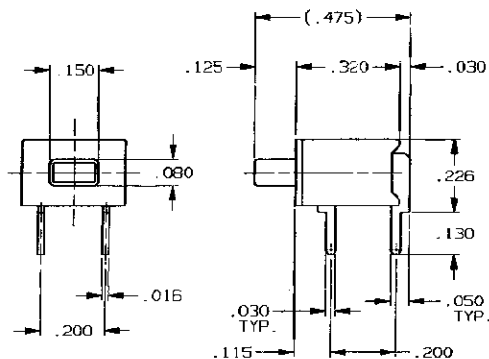


| CONVERSION CHART |       |
|------------------|-------|
| INCH             | MM    |
| .002             | 0.05  |
| .010             | 0.25  |
| .016             | 0.41  |
| .020             | 0.51  |
| .030             | 0.76  |
| .043             | 1.09  |
| .050             | 1.27  |
| .080             | 2.03  |
| .115             | 2.92  |
| .125             | 3.18  |
| .150             | 3.81  |
| .200             | 5.08  |
| .206             | 5.23  |
| .226             | 5.74  |
| .320             | 8.13  |
| .475             | 12.07 |



RECOMMENDED HOLE LAYOUT

TOLERANCE  $\pm .002$  UNLESS OTHERWISE NOTED



# SPECIFICATIONS:

## MATERIALS:

CASE: HIGH TEMPERATURE POLYESTER, UL 94V-0.  
ACTUATOR BUTTON: THERMOPLASTIC, COLORS: SEE CHART BELOW.  
MOVING CONTACT: COPPER ALLOY, GOLD PLATED OVER NICKEL.  
FIXED CONTACT: COPPER ALLOY, GOLD PLATED OVER NICKEL.  
TERMINALS: COPPER ALLOY, TIN LEAD PLATED.  
TERMINAL SEAL: SP EPOXY  
DP EPOXY OPTIONAL.

## ELECTRICAL:

CONTACT RATING: GOLD = 0.4 VA MAX. @ 20 VDC OR PEAK AC.  
INITIAL CONTACT RESISTANCE: 20 MILLIOHMS MAX.  
INSULATION RESISTANCE: 1,000 MEGOHMS @ 500 VDC MIN.  
DIELECTRIC STRENGTH: 1,000 VAC @ SEA LEVEL.  
LIFE EXPECTANCY: GOLD: 1 POLE = 100,000 CYCLES  
2 POLES = 80,000 CYCLES.

## MECHANICAL:

ACTUATION FORCE: TP11CG-RA: 9 oz. (.26 Kg).  
TP11FG-RA: 12 oz. (.34 Kg).  
ACTUATION TRAVEL: .030 APPROX.

## ENVIRONMENTAL:

OPERATING TEMPERATURE: -22°F TO +149°F (-30°C TO +65°C).  
STORAGE TEMPERATURE: -22°F TO +149°F (-30°C TO +65°C).



# NOTES:

1. INTERPRET DRAWING PER ASME Y14.5M-1994.
2. FORMERLY TPB11CG-RA.

| (*) | COLOR |
|-----|-------|
| 0   | BLACK |
| 2   | RED   |
| 6   | BLUE  |

| MODEL NUMBER | ACTION             | CONTACTS    |                  |
|--------------|--------------------|-------------|------------------|
|              |                    | FREE BUTTON | DEPRESSED BUTTON |
| TP11CG-RA(*) | SPST NORMALLY OPEN | NONE        | A TO C           |
| TP11FG-RA(*) | SPDT MOMENTARY     | B TO A      | B TO C (COM)     |



# OUTLINE DRAWING SPECIFICATIONS ARE SUBJECT TO CHANGES WITHOUT NOTICE

|                               |                                                                                                                                                                                                     |                                                                                                                                                                                                                                           |                                                                                                                                                                                            |
|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>THIRD ANGLE PROJECTION</p> | <p>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES (DO NOT SCALE PRINT)</p> <p>FILE NAME: 401310UT DIRECTORY: T1NENCH</p> <p>MATERIAL: SEE SPECIFICATIONS</p> <p>FIG. 21 SEE SPECIFICATIONS</p> | <p>ORIGINAL DATE OF DRAWING: 7-9-77</p> <p>DRAWN: B. BUCKHEIT DATE: 7-9-77</p> <p>CHECKED: T. D. KIRCHOFF DATE: 7-9-77</p> <p>APPROVED: F. D. KIRCHOFF DATE: 7-9-77</p> <p>CODE IDENT. NO. 91506</p> <p>DMG. SIZE C</p> <p>NEXT ASSY:</p> | <p>TYCO ELECTRONIC!</p> <p>TITLE: <b>OUTLINE DRAWING</b></p> <p>PUSHBUTTON SWITCH TP11CG/FG-RA(*)</p> <p>DMG. NO. <b>1437571-8</b></p> <p>PRODUCT CODE: B01</p> <p>SCALE: SHEET 1 OF 1</p> |
|                               |                                                                                                                                                                                                     |                                                                                                                                                                                                                                           |                                                                                                                                                                                            |

| REV | REV |
|-----|-----|
| A   | A   |

PER OG3C-0173-02  
APD-MZ 03OCT02