

## REVISIONS

DOC. NO. SPC-F005 \* Effective: 7/5/02 \* DCP No: 1398

| DCP # | REV | DESCRIPTION | DRAWN | DATE     | CHECKD | DATE     | APPRVD | DATE     |
|-------|-----|-------------|-------|----------|--------|----------|--------|----------|
| 2032  | A   | Released    | JN    | 03/05/09 | JWM    | 03/05/09 | JWM    | 03/05/09 |
|       |     |             |       |          |        |          |        |          |

## SPECIFICATION



### MECHANICAL

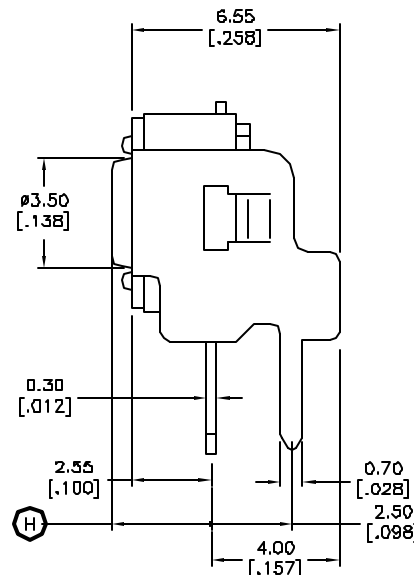
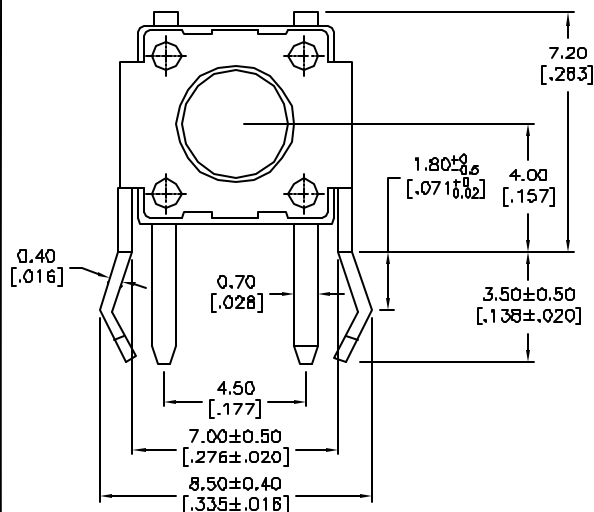
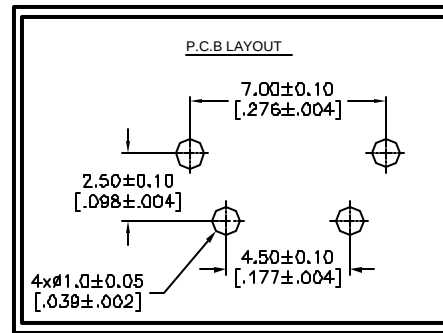
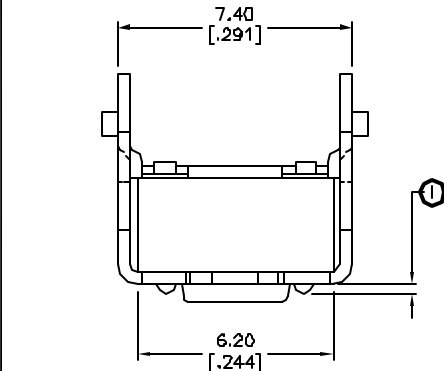
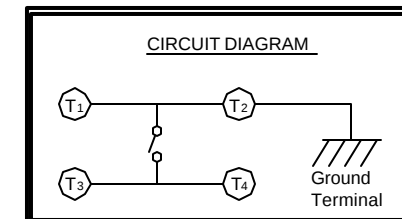
- Operation Force: See Table
- Stroke Strength: Max 3kgf vertical static load continuously for 15 sec.
- Stroke: (6x6) 0.25+0.2mm/-0.1mm
- Operation Temperature: -25°C to + 70°C
- Storage Temperature: -30°C to +80°C

### ELECTRICAL

- Electrical Life: 1,000,000 cycles
- Rating: 50mA , 12 VDC
- Contact Resistance: 100m  $\Omega$ max.
- Insulation Resistance: 100M  $\Omega$ min. at 500VDC
- Dielectric Strength: 250VAC / 1 minute
- Contact Arrangement: SPST

### MATERIALS

- COVER: Steel, Tin Plated
- BASE: UL94V-0 Nylon Thermoplastic
- STEM: UL94V-0 Nylon Thermoplastic
- CONTACT DISCO: See Table
- TERMINAL: Brass with silver plating



DISCLAIMER:  
ALL STATEMENTS AND TECHNICAL INFORMATION CONTAINED HEREIN ARE BASED UPON INFORMATION AND/OR TESTS WE BELIEVE TO BE ACCURATE AND RELIABLE. SINCE CONDITIONS OF USE ARE BEYOND OUR CONTROL, THE USER SHALL DETERMINE THE SUITABILITY OF THE PRODUCT FOR THE INTENDED USE AND ASSUME ALL RISK AND LIABILITY WHATSOEVER IN CONNECTION THEREWITH.

### TOLERANCES:

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE FOR REFERENCE PURPOSES ONLY.

|               |          |
|---------------|----------|
| DRAWN BY:     | DATE:    |
| Jason Nash    | 03/05/09 |
| CHECKED BY:   | DATE:    |
| Jeff McVicker | 03/05/09 |
| APPROVED BY:  | DATE:    |
| Jeff McVicker | 03/05/09 |

DRAWING TITLE:

Tactile Switch

| SIZE       | DWG. NO.            | ELECTRONIC FILE | REV |
|------------|---------------------|-----------------|-----|
| A          | Ta-1092             | Ta-1092.dwg     | A   |
| SCALE: NTS | U.O.M.: INCHES [mm] | SHEET: 1 OF 2   |     |



| Mfg. P/N | Operating Force | Color | Contact Disc    | Dimension       |               |
|----------|-----------------|-------|-----------------|-----------------|---------------|
|          |                 |       |                 | H               | I             |
| MC32868  | 100gf           | Black | Stainless Steel | 3.85<br>[.152]  | 0.4<br>[.016] |
| MC32870  | 100gf           | Black | Stainless Steel | 6.15<br>[.242]  | 0.4<br>[.016] |
| MC32834  | 160gf           | Brown | Phosphor Bronze | 3.15<br>[.124]  | 0.3<br>[.016] |
| MC32869  | 160gf           | Brown | Stainless Steel | 3.85<br>[.152]  | 0.4<br>[.016] |
| MC32835  | 160gf           | Brown | Phosphor Bronze | 3.85<br>[.152]  | 0.4<br>[.016] |
| MC32871  | 160gf           | Brown | Stainless Steel | 6.15<br>[.242]  | 0.4<br>[.016] |
| MC32838  | 160gf           | Brown | Phosphor Bronze | 6.15<br>[.242]  | 0.4<br>[.016] |
| MC32836  | 160gf           | Brown | Phosphor Bronze | 11.85<br>[.467] | 0.4<br>[.016] |
| MC32837  | 160gf           | Brown | Phosphor Bronze | 11.85<br>[.467] | 0.4<br>[.016] |

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SIZE  
A

DWG. NO.

Ta-1092

ELECTRONIC FILE

Ta-1092.DWG

REV

A