

| LOC | DIST | REVISIONS |     |                           |         |        |
|-----|------|-----------|-----|---------------------------|---------|--------|
| AD  | 00   | P         | LTR | DESCRIPTION               | DATE    | APVD   |
|     |      |           | U1  | REVISED PER ECO-11-004587 | 11MAR11 | RK HMR |

SPECIFICATIONS:

MATERIALS:  
CASE: GLASS FILLED PPS, UL94V-0 BROWN  
COVER: STEEL, TIN OVER NICKEL PLATE  
ACTUATOR BUTTON: SEE TABLE - UL94V-0  
MOVING CONTACT: COPPER ALLOY, SILVER CLAD  
MOVING CONTACT: (1571563-1,-2,-7&-8), STAINLESS STEEL,  
AG CLAD OVER NICKEL  
FIXED CONTACT/TERMINAL, COPPER ALLOY-SILVER OVER NICKEL PLATE

ELECTRICAL:  
MAX CONTACT RATING: 50MILLIAMPS@24V DC  
MIN CONTACT RATING: 10MICROAMPS@1V DC  
INITIAL CONTACT RESISTANCE: 100 MILLIOHMS MAX.  
INSULATION RESISTANCE: 100 MEGOHMS AT 100 VDC MIN.  
DIELECTRIC STRENGTH: 500 VAC 50/60 Hz FOR 1 MINUTE.  
LIFE EXPECTANCY: (SEE TABLE)

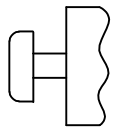
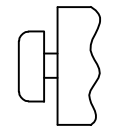
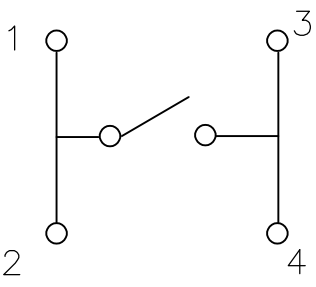
MECHANICAL:  
ACTUATION FORCE: (SEE TABLE)  
ACTUATION TRAVEL: 0.25 +0.20/-0.10 [.010 +.008/-0.004]

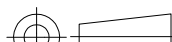
ENVIRONMENTAL:  
OPERATING TEMPERATURE: -35°C TO +85°C  
STORAGE TEMPERATURE: -35°C TO +85°C  
SOLDER HEAT RESISTANCE PER 109-201, CONDITION B

SOLDERABILITY:  
SPECIFICATION EIA-364-52, CLASS 1, CATEGORY 2

NOTES:

- 1 TAPE AND REEL PACKAGING PER EIA 481.
- 2 ALL MATERIALS AND FINISHES SHALL COMPLY WITH EU DIRECTIVE 2002/95/EC OF 27JAN2003 (ROHS)

| ( )-INDICATES MOMENTARY POSITION                                                      |                                                                                       |                                                                                       |
|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| CIRCUIT CHARACTERISTICS                                                               |                                                                                       |                                                                                       |
| CONTACT POSITION                                                                      | CIRCUIT DIAGRAM                                                                       |                                                                                       |
|  |  |  |
| OFF                                                                                   | (ON)<br>1 - 3<br>2 - 4                                                                |                                                                                       |

|                                                                                       |  |                                           |  |                                                                                                       |  |                 |  |               |  |               |  |
|---------------------------------------------------------------------------------------|--|-------------------------------------------|--|-------------------------------------------------------------------------------------------------------|--|-----------------|--|---------------|--|---------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                |  | DWN<br>D.SARKISIAN<br>04MAY04             |  |  TE Connectivity |  |                 |  |               |  |               |  |
|                                                                                       |  | CHK<br>D.SARKISIAN<br>22APR94             |  |                                                                                                       |  |                 |  |               |  |               |  |
| DIMENSIONS:<br>mm [INCHES]                                                            |  | TOLERANCES UNLESS<br>OTHERWISE SPECIFIED: |  | NAME<br><br>MICRO MINIATURE PUSHBUTTON<br>SWITCH FSM JSM                                              |  |                 |  |               |  |               |  |
|  |  | APVD<br>D.SARKISIAN<br>22APR94            |  |                                                                                                       |  |                 |  |               |  |               |  |
|                                                                                       |  | PRODUCT SPEC<br>—                         |  |                                                                                                       |  |                 |  |               |  |               |  |
| MATERIAL<br>—                                                                         |  | APPLICATION SPEC<br>—                     |  | SIZE                                                                                                  |  | CAGE CODE       |  | DRAWING NO    |  | RESTRICTED TO |  |
|                                                                                       |  | WEIGHT<br>—                               |  | A2                                                                                                    |  | 00779           |  | C=2-1437565-7 |  | —             |  |
| CUSTOMER DRAWING                                                                      |  |                                           |  | SCALE<br>8:1                                                                                          |  | SHEET<br>1 of 2 |  | REV<br>U1     |  |               |  |

|                              |                          |                          |
|------------------------------|--------------------------|--------------------------|
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|     |      |           |     |             |      |     |      |
|-----|------|-----------|-----|-------------|------|-----|------|
| LOC | DIST | REVISIONS |     |             |      |     |      |
| AD  | 00   | P         | LTR | DESCRIPTION | DATE | OWN | APVD |
|     |      |           | -   | SEE SHEET 1 | -    | -   | -    |

|          |            |                |                   |                 |       |            |                        |                       |                 |             |
|----------|------------|----------------|-------------------|-----------------|-------|------------|------------------------|-----------------------|-----------------|-------------|
|          | 100,000    | WHITE          | NYLON             | 260G±50G        | 12MM  | 24MM       | 13.00±0.10 [.512±.010] | 9.40±0.10 [.370±.004] | FSM14JSMAATR    | 1571563-6   |
|          | 100,000    | WHITE          | NYLON             | 260G±50G        | —     | —          | 13.00±0.10 [.512±.010] | 9.40±0.10 [.370±.004] | FSM14JSMAA      | 1571563-5   |
| OBSOLETE | 100,000    | BROWN          | NYLON             | 100G±50G        | —     | —          | 13.00±0.10 [.512±.010] | 9.40±0.10 [.370±.004] | FSM14JSML       | 1-1571563-0 |
|          | 100,000    | WHITE          | NYLON             | 260G±50G        | 12MM  | 24MM       | 9.50±0.10 [.374±.004]  | 5.89±0.10 [.232±.004] | FSM8JSMAATR     | 1-1571563-4 |
| OBSOLETE | 100,000    | WHITE          | NYLON             | 260G±50G        |       |            | 9.50±0.10 [.374±.004]  | 5.89±0.10 [.232±.004] | FSM8JSMAA       | 1-1571563-3 |
|          | 100,000    | BLACK          | PPS               | 160G±50G        | 12MM  | 24MM       | 9.50±0.10 [.374±.004]  | 5.89±0.10 [.232±.004] | FSM8JSMATR      | 1571563-9   |
|          | 100,000    | BLACK          | PPS               | 160G±50G        | —     | —          | 9.50±0.10 [.374±.004]  | 5.89±0.10 [.232±.004] | FSM8JSMA        | 3-1437566-8 |
| OBSOLETE | 100,000    | WHITE          | NYLON             | 260G±50G        | 12MM  | 24MM       | 7.01±0.10 [.276±.004]  | 3.40±0.10 [.134±.004] | FSM6JSMAATR     | 1-1571563-2 |
| OBSOLETE | 100,000    | WHITE          | NYLON             | 260G±50G        | —     | —          | 7.01±0.10 [.276±.004]  | 3.40±0.10 [.134±.004] | FSM6JSMAA       | 1-1571563-1 |
|          | 100,000    | BLACK          | PPS               | 160G±50G        | 12MM  | 24MM       | 7.01±0.10 [.276±.004]  | 3.40±0.10 [.134±.004] | FSM6JSMATR      | 5-1437565-0 |
|          | 100,000    | BLACK          | PPS               | 160G±50G        | —     | —          | 7.01±0.10 [.276±.004]  | 3.40±0.10 [.134±.004] | FSM6JSMA        | 4-1437565-9 |
|          | 1,000,000  | VIOLET         | NYLON             | 70G±30G         | 12MM  | 16MM       | 4.98±0.25 [.196±.010]  | 1.40±0.10 [.055±.004] | FSM4JSMXLTR     | 1571563-2   |
|          | 1,000,000  | VIOLET         | NYLON             | 70G±30G         | —     | —          | 4.98±0.25 [.196±.010]  | 1.40±0.10 [.055±.004] | FSM4JSMXL       | 1571563-1   |
|          | 100,000    | WHITE          | NYLON             | 260G±50G        | 12MM  | 16MM       | 4.98±0.25 [.196±.010]  | 1.40±0.10 [.055±.004] | FSM4JSMAATR     | 1571563-4   |
| OBSOLETE | 100,000    | WHITE          | NYLON             | 260G±50G        | —     | —          | 4.98±0.25 [.196±.010]  | 1.40±0.10 [.055±.004] | FSM4JSMAA       | 1571563-3   |
|          | 100,000    | BLACK          | PPS               | 160G±50G        | 12MM  | 16MM       | 4.98±0.25 [.196±.010]  | 1.40±0.10 [.055±.004] | FSM4JSMATR      | 4-1437565-2 |
|          | 100,000    | BLACK          | PPS               | 160G±50G        | —     | —          | 4.98±0.25 [.196±.010]  | 1.40±0.10 [.055±.004] | FSM4JSMA        | 4-1437565-1 |
|          | 1,000,000  | BLUE           | PPS               | 100G±30G        | 12MM  | 16MM       | 4.98±0.25 [.196±.010]  | 1.40±0.10 [.055±.004] | FSM4JSMLTR      | 1571563-8   |
|          | 1,000,000  | BLUE           | PPS               | 100G±30G        | —     | —          | 4.98±0.25 [.196±.010]  | 1.40±0.10 [.055±.004] | FSM4JSML        | 1571563-7   |
|          | 100,000    | WHITE          | NYLON             | 260G±50G        | 12MM  | 16MM       | 4.29±0.15 [.169±.006]  | 0.71±0.10 [.028±.004] | FSM2JSMAATR     | 2-1437565-9 |
|          | 100,000    | WHITE          | NYLON             | 260G±50G        | —     | —          | 4.29±0.15 [.169±.006]  | 0.71±0.10 [.028±.004] | FSM2JSMAA       | 2-1437565-8 |
|          | 100,000    | GRAY           | PPS               | 160G±50G        | 12MM  | 16MM       | 4.29±0.15 [.169±.006]  | 0.71±0.10 [.028±.004] | FSM2JSMATR      | 3-1437565-0 |
|          | 100,000    | GRAY           | PPS               | 160G±50G        | —     | —          | 4.29±0.15 [.169±.006]  | 0.71±0.10 [.028±.004] | FSM2JSMA        | 2-1437565-7 |
|          | 200,000    | BROWN          | PPS               | 100±50G         | 12MM  | 16MM       | 4.29±0.15 [.169±.006]  | 0.71±0.10 [.028±.004] | FSM2JSMLTR      | 1571527-2   |
|          | 200,000    | BROWN          | PPS               | 100±50G         | —     | —          | 4.29±0.15 [.169±.006]  | 0.71±0.10 [.028±.004] | FSM2JSML        | 1571527-1   |
|          | LIFE CYCLE | ACTUATOR COLOR | ACTUATOR MATERIAL | ACTUATION FORCE | PITCH | TAPE WIDTH | DIM 'B'                | DIM 'A'               | T&B PART NUMBER | PART NUMBER |

|                                                                                       |  |                                            |  |                     |  |                                                                                                       |  |
|---------------------------------------------------------------------------------------|--|--------------------------------------------|--|---------------------|--|-------------------------------------------------------------------------------------------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                |  | DWN<br>D.SARKISIAN                         |  | 04MAY04             |  |  TE Connectivity |  |
|                                                                                       |  | CHK<br>D.SARKISIAN                         |  | 22APR94             |  |                                                                                                       |  |
| DIMENSIONS:<br>mm [INCHES]                                                            |  | TOLERANCES, UNLESS<br>OTHERWISE SPECIFIED: |  | APVD<br>D.SARKISIAN |  | NAME                                                                                                  |  |
|  |  | 0 PLC ± -                                  |  | PRODUCT SPEC        |  | MICRO MINIATURE PUSHBUTTON<br>SWITCH FSM JSM                                                          |  |
|                                                                                       |  | 1 PLC ± -                                  |  | —                   |  |                                                                                                       |  |
|                                                                                       |  | 2 PLC ± 0.30[.012]                         |  | APPLICATION SPEC    |  |                                                                                                       |  |
|                                                                                       |  | 3 PLC ± -                                  |  | —                   |  | SIZE                                                                                                  |  |
|                                                                                       |  | 4 PLC ± -                                  |  | —                   |  | CAGE CODE                                                                                             |  |
|                                                                                       |  | ANGLES ± 1°                                |  | WEIGHT —            |  | DRAWING NO                                                                                            |  |
| MATERIAL —                                                                            |  | FINISH —                                   |  | A2 00779            |  | RESTRICTED TO —                                                                                       |  |
| CUSTOMER DRAWING                                                                      |  |                                            |  | SCALE —             |  | SHEET 2 of 2                                                                                          |  |
|                                                                                       |  |                                            |  |                     |  | REV U1                                                                                                |  |