**Specifications**

**Material**
- Housing: LCP, UL 94V-0, Natural
- Actuator: LCP, UL 94V-0, Black
- Contact: Phosphor Bronze, T=0.2mm
- Fitting Nail: Brass, T=0.4mm

**Plating**
- Contact: see ordering grid
- Fitting Nail: Sn Plating over Nickel

**Electrical**
- Voltage Rating: 30V
- Current Rating: 0.2A
- Dielectric Strength: 250V AC for 1 minute
- Insulation Resistance: 50 MΩ Min.
- Contact Resistance: 40 mΩ Max.

**Mechanical & Environmental**
- Durability: 20 Cycles
- Operating Temperature: -25°C to +85°C
- Mechanical & Environmental Specifications
  - Operating Temperature: -25°C to +85°C
  - Mechanical Strength

**Recommended PCB Layout**

**Recommended FFC/FPC Dimensions**

**Ordering Grid**

**Contact Plating**
- Standard: Gold Flash over all

**Recommended FFC/FPC Dimensions**

<table>
<thead>
<tr>
<th>No. of Contacts</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>0.10</td>
<td>0.40</td>
<td>0.78</td>
<td>1.00</td>
<td>1.30</td>
</tr>
<tr>
<td>6</td>
<td>0.10</td>
<td>0.40</td>
<td>0.78</td>
<td>1.00</td>
<td>1.30</td>
</tr>
<tr>
<td>8</td>
<td>0.10</td>
<td>0.40</td>
<td>0.78</td>
<td>1.00</td>
<td>1.30</td>
</tr>
<tr>
<td>10</td>
<td>0.10</td>
<td>0.40</td>
<td>0.78</td>
<td>1.00</td>
<td>1.30</td>
</tr>
<tr>
<td>12</td>
<td>0.10</td>
<td>0.40</td>
<td>0.78</td>
<td>1.00</td>
<td>1.30</td>
</tr>
<tr>
<td>14</td>
<td>0.10</td>
<td>0.40</td>
<td>0.78</td>
<td>1.00</td>
<td>1.30</td>
</tr>
<tr>
<td>16</td>
<td>0.10</td>
<td>0.40</td>
<td>0.78</td>
<td>1.00</td>
<td>1.30</td>
</tr>
</tbody>
</table>

**Dimensions**

- A ± 0.30
- B ± 0.05
- 0.55x(N+1) ± 0.05
- 0.5x(N-1) ± 0.05
- 0.50 ± 0.03
- 0.35 ± 0.05
- 0.50 ± 0.03
- 0.30 ± 0.03
- 2.35

**Part Number**

<table>
<thead>
<tr>
<th>Product Description</th>
<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>FFC2A32</td>
<td></td>
</tr>
</tbody>
</table>

**Product Description**

- FFC 0.5mm Pitch Top Entry, SMT, Right Footprint, Height=4.25mm, ZIF, Slide Type

**Not to Scale**

**Drawing Date:** 12th September 2019

**Drawing Code:** A1

**Revision:** 2419119

**Units:** Metric (mm)

**Checked By:** CC

**Printed By:** CC

**Sheet No.:** 1/2

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**Recommended PCB Layout**

**General Tolerance ± 0.05**

**Solder Area**

**Component Outline**

**Section: A-A**

**Recommended FFC/FPC Dimensions**

**Ordering Grid**

**Contact Plating**
- T=Pin Plating over all (Standard)
- G=Gold Flash over all

**Footnotes**

- © Tooled Parts
- Please contact GCT for non-tooled parts
- **No. of Contacts**: 4 ~ 15, 16 ~ 25, 26 ~ 50, 51 ~ 60
- **W**: 24, 32, 44, 56
- **S**: /, 28.4, 40.4, 52.4
- **Pcs/Reel**: 1200, 1200, 1200, 1200
- **Pcs/Carton**: 10, 8, 6, 4
- **Reel/Carton**: 12000, 9600, 7200, 4800

**Dimensions**:
- **Ø330**: 12.00±0.10
- **Ø13**: 4.00±0.10
- **Ø1.50+0.10**: 2.00±0.10
- **W±0.30**: 1.75±0.10

**Notes**:
- **Peeling angle**: 165°~180°
- **Peeling strength**: 0.3 ~ 0.9 N
- **Direction of Unreeling**
- **Cover Tape 165°~180°**

**Units**: Metric (mm)

**Tolerances (Except as Noted)**

**Part Number**: FFC2A32

**Product Description**: FPC 0.5mm Pitch Top Entry, SMT, Right Footprint, Height=4.25mm, ZIF, Slide Type

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**Drawing Date**: 12th September 2019