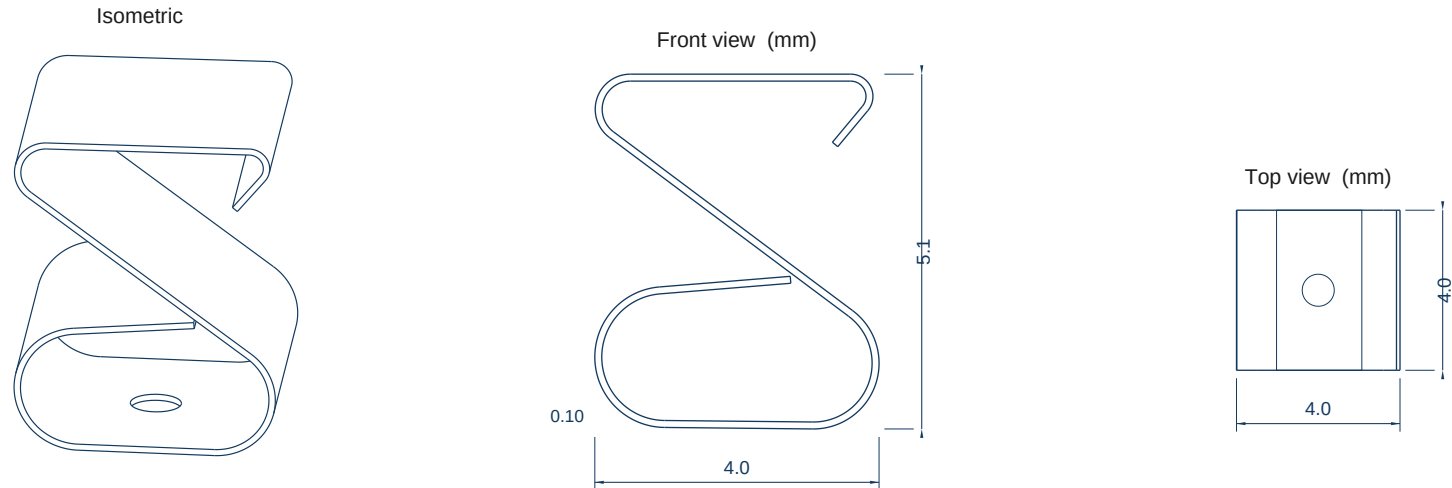




## Type 5-02 B502-40040051

SMD EMI Spring Contact | Beryllium Copper | Units: mm



| MECHANICAL           | VALUE                                                   |
|----------------------|---------------------------------------------------------|
| Thickness            | 0.10 mm                                                 |
| Width                | 4.0 mm +/- 0.2                                          |
| Length               | 4.0 mm +/- 0.2 (modelled 4.09, as drawn)                |
| Height               | 5.1 mm +/- 0.2                                          |
| Form                 | Z-form: 2 plates + diagonal web, return hook and tongue |
| Base curls           | R0.894 / R0.961 CL, 144 / 175 deg (drawing calls R1)    |
| Top curl / hook      | R0.455 CL, 143 deg / R0.270 CL, 130 deg                 |
| Diagonal web         | 4.29 mm at 37 deg to the plates                         |
| Return tongue / hook | 1.89 mm / 0.67 mm                                       |
| Base hole            | dia 0.80 mm, centred                                    |
| Developed length     | 19.08 mm                                                |
| Material / plating   | BeCu, Gold-plated (G)                                   |
| Volume / mass        | 7.581 mm <sup>3</sup>   63.4 mg (BeCu)                  |

| PRODUCT DATA       | VALUE                                                                                                                                                 |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Mfr P/N            | B502-40040051G-SY (Au)                                                                                                                                |
| Brand              | Seyunda                                                                                                                                               |
| Description        | SMD EMI Contact 4.0x4.0x5.1mm Au                                                                                                                      |
| Packaging          | Tape & Reel (TR)                                                                                                                                      |
| Category           | Connectors, Interconnects                                                                                                                             |
| Sub-category       | Contacts, Spring Loaded (Pogo Pins), and Pressure                                                                                                     |
| Lifecycle / origin | Active / Taiwan, Republic of China                                                                                                                    |
| RoHS / REACH       | RoHS3 Compliant / REACH Unaffected                                                                                                                    |
| ECCN / ESD         | EAR99 / Static sensitive: Yes                                                                                                                         |
| Datasheet          | <a href="https://seyunda.com/datasheet/Seyunda-SMD-Spring-Contacts-Datasheet.pdf">seyunda.com/datasheet/Seyunda-SMD-Spring-Contacts-Datasheet.pdf</a> |
| Product page       | <a href="https://seyunda.com/type-5-02.html">seyunda.com/type-5-02.html</a>                                                                           |
| File format        | STEP AP214                                                                                                                                            |