

# JTX520 Series Material Declaration

Total Weight: 25.3 mg



RoHS compliant



Pb free



REACH compliant



| Part           | Weight of parts(mg) | Content substance | CAS No  | Content (mg)  | Content (ppm)  |          |
|----------------|---------------------|-------------------|---|---------------|----------------|----------|
| LID            | 7.284               | Fe-alloy          | Iron(Fe)  | 7439-89-6     | 3.011          | 118914   |
|                |                     |                   | Nickel(Ni)                                      | 7440-02-0     | 1.587          | 62675    |
|                |                     |                   | Cobalt(Co)                                      | 7440-48-4     | 0.876          | 34596    |
|                |                     | Plating           | Gold(Au)  | 7440-57-5     | 0.007          | 265      |
|                |                     |                   | Nickel(Ni)                                      | 7440-02-0     | 0.003          | 136      |
|                |                     |                   | Gold(Au)  | 7440-57-5     | 1.440          | 56870    |
| BASE           | 16.972              | CERAMIC           | Tin (Sn)  | 7440-31-5     | 0.360          | 14218    |
|                |                     |                   | Aluminum oxide(Al <sub>2</sub> O <sub>3</sub> ) | 1344-28-1     | 12.722         | 502420   |
|                |                     |                   | Silicon oxide(SiO <sub>2</sub> )                | 14808-60-7    | 0.505          | 19928    |
|                |                     |                   | Calcium oxide(CaO)                              | 1305-78-8     | 0.049          | 1916     |
|                |                     |                   | Magnesium oxide(MgO)                            | 1309-48-4     | 0.068          | 2683     |
|                |                     |                   | Chromium oxide(Cr <sub>2</sub> O <sub>3</sub> ) | 1308-38-9     | 0.543          | 21461    |
|                |                     |                   | Titanium oxide(TiO <sub>2</sub> )               | 13463-67-7    | 0.146          | 5749     |
|                |                     |                   | Molybdenum(Mo)                                  | 7439-98-7     | 0.058          | 2299     |
|                |                     |                   | Tungsten(W)                                     | 7440-33-7     | 1.931          | 76264    |
|                |                     |                   | Nickel(Ni)                                      | 7440-02-0     | 0.689          | 27210    |
|                |                     |                   | Cobalt(Co)                                      | 7440-48-4     | 0.175          | 6898     |
|                |                     |                   | Gold(Au)  | 7440-57-5     | 0.087          | 3449     |
|                |                     |                   | Seal Material                                   | 0.518         | AuGe           | Gold(Au) |
| Germanium (Ge) | 7440-56-4           | 0.065             |   |               |                | 2557     |
| BLANK          | 0.347               | SiO2              | Silicon oxide(SiO <sub>2</sub> )                | 14808-60-7    | 0.346          | 13665    |
|                |                     | ELECTRODE         | Silver(Ag)                                      | 7440-22-4     | 0.001          | 29       |
|                |                     |                   | Tin (Sn)  | 7440-31-5     | 0.000          | 0        |
|                |                     |                   | Chromium (Cr)                                   | 7440-47-3     | 0.000          | 1        |
| BOND           | 0.200               |                   | Silver(Ag)                                      | 7440-22-4     | 0.180          | 7109     |
|                |                     |                   | Silicone Resin                                  |               | 0.020          | 790      |
| <b>TOTAL</b>   | <b>25.321</b>       |                   |   | <b>25.321</b> | <b>1000000</b> |          |