

Dear Moduli Elettronici e Componenti

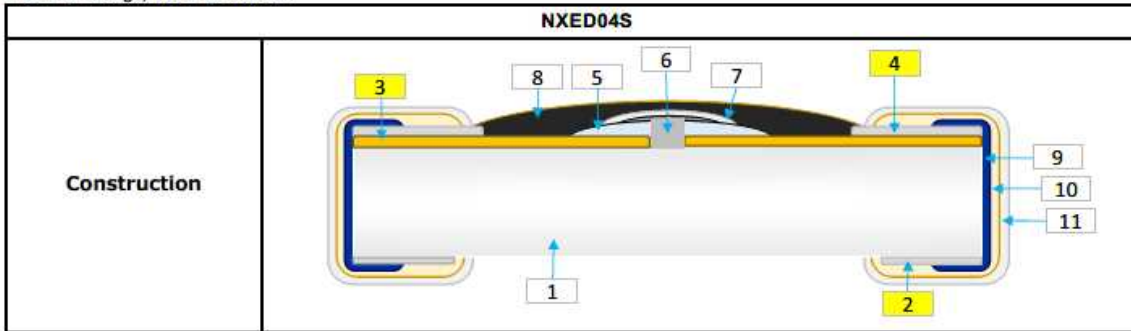
PCN - Products Change Notice

Applicable Products: NXED04S series (SMD ESD Suppressor 0402 Case size)

Change implementation date: Running Change from Sep. 2022

- Changes:**
- 1) Change the Top electrode 1 material. (GB-2701)
 - 2) Change of Top electrode 2 material to Phthalate-free material. (H9106A)
- There is no impact for the specifications, reliability and appearance

Material change, Material addition



| No. | Items | Materials | | Changes |
|-----|-------------------|--------------------------|--------------------------|-----------------|
| | | Current products | Change products | |
| 1 | substrate | Alumina | | No change |
| 2 | Bottom electrode | Ag Thick Film | | No change |
| 3 | Top electrode 1 | Au Thick Film GB-2151 | Au Thick Film GB-2701 | Change material |
| 4 | Top electrode2 | Ag Thick Film H9120A | Ag Thick Film H9106A | Phthalate-free |
| 5 | Protection coat 1 | Glass | | No change |
| 6 | Absorbent | Resin | | No change |
| 7 | Protection coat 2 | Resin | | No change |
| 8 | Protection coat 3 | Resin | | No change |
| 9 | Side electrode | Ni-Cr Thin Film | | No change |
| 10 | 1nd plating | Ni plating | | No change |
| 11 | 2rd plating | Sn plating | | No change |

Reason: Improved supply stability (see [QAS22220E_NXED04S.pdf](#))

Attached documents: [Reliability comparison report: NXED04S_reliability_data.pdf](#)

2022/6/21



Nippon Industries Co., Ltd. CRL Division

(Engineering Manager)

Osamu Hikino

(signature)

