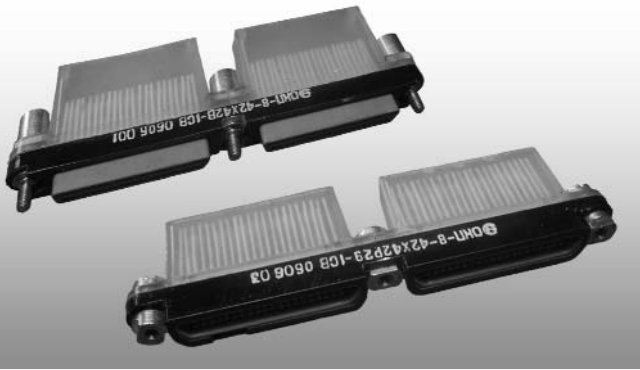


Type of connectors ONP-ZHI-8 with enhanced in touch capability



Application

They are used in radio electronic and radio engineering equipment as connectors of general type

Standarts

OST V 11 0121-91

Design description

- cut in mating with screw fixation and coding element
- climatic version V

- contacts plating: gold or silver
- mounting method: soldering

Characteristics

Mechanical

- vibration:
- frequency range, Hz- 1...3000
 - acceleration, m/s^2 - 196 (20g)
- single impact:
- acceleration, m/s^2 - 10000 (1000g)
 - duration, ms 0,1-2,0
- multiple impacts:
- acceleration, m/s^2 - 1500 (150g)
 - duration, ms 1-5
- linear loads:
- acceleration, m/s^2 - 1962 (200g)

Electric

- maximum direct current operating voltage, not more than 100 V
- operating current across the contact, not more than 1 A
- resistance of electric contact, not more than 10 mOhm
- insulation resistance in normal climatic conditions, not less than 5000 MOhm

Reliability requirements

- minimum operating time, h 10000
- with mate-unmate operations 250
- minimum storage life, years 25

Climatic

- ambient air temperature, from minus 60 - to plus 85°C
- temperature change, from minus 60 - to plus 95°C (taking into account the temperature of contacts overheat)
- decrease of atmospheric pressure operating, Pa (mm.Hg) $1,3 \times 10^{-4}$ (1×10^{-6})