



Application

They are used in radio electronic and radio engineering equipment.

Standarts

OST V 11 0121-91

Design description

- cut in mating with screw fixation
- climatic version V

- contacts plating: gold or silver
- mounting method: soldering
- number of contacts: 21,42

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)

Reliability requirements

minimum operating time, h
10000

with mate -unmate operations
500

minimum storage life, years
25

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 more than
5000 MOhm

Climatic

ambient temperature,
from minus 60 - to plus 85°C

temperature change,
from minus 60 - to plus 95°C
(taking in the account the temperature of
contacts overheat)

decrease of atmospheric pressure operating,
Pa (mm.Hg)
 $1,3 \times 10^{-4}$ (1×10^{-6})