

straight_push_pull_plug_for_bend_relief

size: 2, IP50, keying: 0, number_of_contacts: 18, solder_cup, contact_type: sockets, Signal



Basic information

| | |
|--------------------|---------------------|
| Part number | S22LOC-P18LFG0-820S |
| Category | connector |
| Type of connector | plug |
| Assembly situation | straight |
| Size | 2 |

Contact insert description

| | |
|------------------------|------------|
| Transmission type | Signal |
| Number of contacts | 18 |
| Contact type | sockets |
| Contact diameter | 0.7 mm |
| Termination type | solder_cup |
| Termination diameter | 0.85 mm |
| Wire cross section AWG | AWG 22 |

Technical information

| | | |
|--|-----------------------------|--|
| Max. current single contact | 7.5 A | IEC 60512-5-2:2002 (DIN EN 60512-5-2:2003) |
| Max. current insert | 3.75 | VDE 0298-4:2003 |
| Test voltage | 0.9 kV AC | SAE AS 13441:1998 method 3001.1 |
| Max. creepage distance (contact to contact) | 0.5 mm (Contact to housing) | |
| Max. creepage distance (contact to housing) | 1.0 mm (Contact to housing) | |
| Max. clearance distance (contact to contact) | 0.5 mm (Contact to contact) | |
| Max. clearance distance (contact to housing) | 1.0 mm (Contact to housing) | |

Cable description

| | |
|---------------------|-------------------|
| Cable outlet | cable_bend_relief |
| Min. cable diameter | 7 |
| Max. cable diameter | 8.2 |

Mechanical and environmental data

| | |
|----------------------------|-----------|
| Locking principle | push_pull |
| Mating cycles | 5.000 |
| IP class | IP50 |
| Max. operating temperature | 120 °C |
| Min. operating temperature | -40 °C |
| Weight | 29 g |

Material and surface treatments

| | |
|------------------|----------------------------------|
| Material | cu_alloy_with_matt_chrome_finish |
| Contact material | gold |

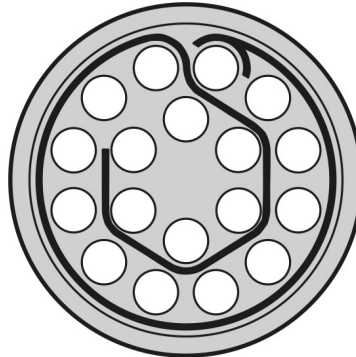
DIMENSIONS:



CODING: 0°



POSITIONS: 18 positions



Further technical information and downloads

[3D-File \(STP File\)](#)

[Assembly Instruction](#)

[Technical specifications](#)