



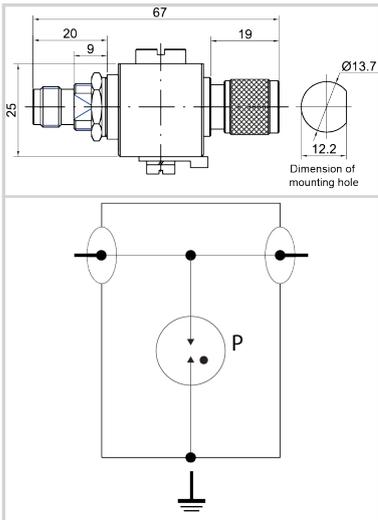
# CITEL

## Coaxial surge protector DC-7 GHz

### P8AX25-6G-T/MF



- RF coaxial surge protector
- DC-7 GHz
- 190 W
- Connectors : N
- Low insertion loss
- Removale GDT
- DC-pass
- Bi-directional protection



| Electrical Characteristics   |      |                                     |
|--|------|-------------------------------------|
| Max. DC operating voltage  | Uc   | 200 Vdc                             |
| Frequency range  | f    | DC-6 GHz                            |
| Insertion loss   |      | 0.3 dB                              |
| Return loss  |      | > 18 dB                             |
| Impedance  |      | 50 ohms                             |
| VSWR   |      | < 1.3:1                             |
| Max. load current @25°C  | IL   | 10 A                                |
| Max. discharge current<br><i>max. withstand @ 8/20 µs by pole</i>              | Imax | 15 kA                               |
| Nominal discharge current<br><i>C2 Category</i>                                | In   | 5 kA                                |
| Protection mode(s)   |      | Common mode                         |
| Protection level<br><i>@ In (8/20µs)</i>                                       | Up   | < 2300 V                            |
| Impulse current<br><i>2 x 10/350µs Test - D1 Category</i>                      | Iimp | 1 kA                                |
| Max Power  |      | 190 W                               |
| Typical let through energy<br><i>(50 ohms) input 4kV 1.2/50µs - 2kA 8/20µs</i> |      | 2.2 mJ                              |
| DC Pass  |      | Yes                                 |
| Insulation resistance  | IR   | ≥10 GOhms                           |
| Mechanical Characteristics   |      |                                     |
| Technology   |      | Gas discharge tube                  |
| Connection to Network  |      | Connector TNC Male/Female           |
| Mounting   |      | Feedthrough                         |
| Housing material   |      | Brass/Surface plating: Cu Zn Sn     |
| Operating temperature  | Tu   | -40/+85°C                           |
| Protection rating  |      | IP65                                |
| Failsafe mode  |      | Short-circuit                       |
| Disconnection indicator  |      | Transmission interrupt              |
| Spare module(s)  |      | 1 x BA HF                           |
| Dimensions   |      | See diagram                         |
| Contacts   |      | Bronze/Surface Au-Ag                |
| Standards  |      |                                     |
| Standards compliance   |      | IEC 61643-21 / EN 61643-21 / UL497E |
| Environmental standards  |      | EU RoHS                             |
| RohS compliance  |      | Yes                                 |
| Part number  |      |                                     |
| <b>68304</b>   |      |                                     |

