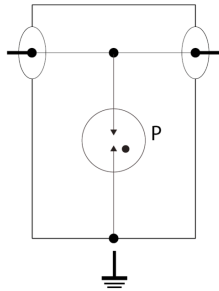
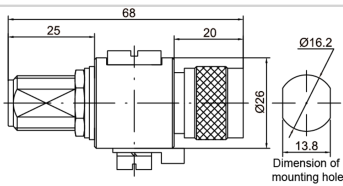


P8AX09-N/MF



- ✦ RF coaxial surge protector
- ✦ 3.5 GHz
- ✦ Connectors: N
- ✦ Low insertion loss
- ✦ Removable GDT
- ✦ DC-pass
- ✦ Bi-directional protection



| Electrical Characteristics   |                  |  |                                     |
|--|------------------|--|-------------------------------------|
| Max. DC operating voltage  | Uc               |  | 72 Vdc                              |
| Frequency range  | f                |  | DC-4 GHz                            |
| Insertion loss   |                  |  | < 0.2 dB                            |
| Return loss  |                  |  | > 20 dB                             |
| Impedance  |                  |  | 50 ohms                             |
| VSWR   |                  |  | <1.2:1                              |
| Max. load current @25°C  | IL               |  | 10 A                                |
| Residual Current Leakage current to Ground                           | Ipe              |  | None                                |
| Max. discharge current max. withstand @ 8/20 µs by pole              | I <sub>max</sub> |  | 20 kA                               |
| Protection mode(s)   |                  |  | Common mode                         |
| Protection level @1kV/µs (C3)  | Up               |  | < 650 V                             |
| Impulse current 2 x 10/350µs Test - D1 Category                      | I <sub>imp</sub> |  | 1 kA                                |
| Nominal discharge current C2 Category                                | I <sub>n</sub>   |  | 5 kA                                |
| Max Power  |                  |  | 25 W                                |
| Typical let through energy (50 ohms) input 4kV 1.2/50µs - 2kA 8/20µs |                  |  | 300 µJ                              |
| DC Pass  |                  |  | Yes                                 |
| Insulation resistance  | IR               |  | ≥10 GOhms                           |
| Mechanical Characteristics   |                  |  |                                     |
| Technology   |                  |  | Gas discharge tube                  |
| Connection to Network  |                  |  | Connector N 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)  |                  |  | BBHF-90V                            |
| Dimensions   |                  |  | See diagram                         |
| Contacts   |                  |  | Bronze/Surface Au-Ag                |
| Weight   |                  |  | 0.146 kg                            |
| Standards  |                  |  |                                     |
| Standards compliance   |                  |  | IEC 61643-21 / EN 61643-21 / UL497E |
| RohS compliance  |                  |  | Yes                                 |
| Part number  |                  |  |                                     |
| 60001  |                  |  |                                     |