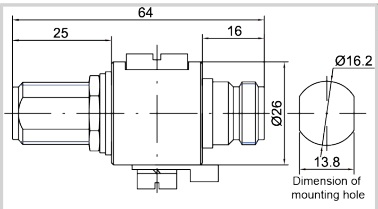
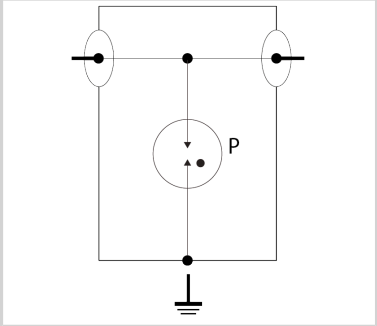
# P8AX09-N/FF




- 4GHz Bi-Directional Coaxial Surge Protector - High Energy GDT Technology - Low Insertion Loss - Field Replaceable GDT - Waterproof Design - DC Pass - UL497E Listed




| Electrical Characteristics | | |
|---|---|---|
| Max. DC operating voltage | Uc | 72 Vdc |
| Frequency range | f | DC-3.5 GHz |
| Impedance | | 50 ohms |
| Max. discharge current<br>*max. withstand @ 8/20 µs by pole* | Imax | 20 kA |
| Nominal discharge current<br>*C2 Category* | In | 5 kA |
| Protection level<br>*@1kV/µs (C3)* | Up | < 650 V |
| Impulse current<br>*2 x 10/350µs Test - D1 Category* | Iimp | 1 kA |
| Max RF Power | | 25 W |
| Typical let through energy<br>*(50 ohms) input 4kV 1.2/50µs - 2kA 8/20µs* | | 300 µJ |
| DC Pass | | Yes |
| Insulation resistance | IR | ≥10 GOhms |
| **Installation** | | |
| Mounting | | Bracket or Bulkhead through-hole |
| Accessories | | BK series mounting bracket |
| **Mechanical Characteristics** | | |
| Technology | | Gas discharge tube |
| Connection to Network | | Connector N Female/Female |
| Mounting | | Bulkhead or Bracket |
| Operating temperature | Tu | -40/+85°C |
| Protection rating | | IP65 |
| Failsafe mode | | Short-circuit |
| Contacts | | Bronze/Surface Au-Ag |
| Insulation material | | PTFE |
| **Standards** | | |
| Environmental standards | | EU RoHS |
| UL STANDARD | | UL497E |
| UL CATEGORY | | QVLA |
| UL FILE NUMBER | | E349646 |
| STANDARDS | | NOM-003-SCFI-2014, NOM-001-SCFI-1993 |
| **Part number** | | |
| **6000150** | | |