



CITEL



P8AX50-U/FF

- Gas Discharge Tube Technology, DC Pass
- Frequency Range 0-2.5 GHz
- I_{max} 20kA, 10kA (UL), I_n 10kA
- IP67 Outdoor Rated
- UHF-Type Connector
- Bi-Directional
- Replaceable Gas Tube



| Características eléctricas | | |
|--|------------------|----------------------------------|
| Tensión DC máx. de operación | Uc | 400 Vdc |
| Gama de frecuencia | f | DC-2.5 GHz |
| Perdida de inserción | | < 0.2 dB |
| Return loss | | > 20 dB |
| Impedancia | | 50 ohms |
| VSWR - ROE | | <1.2 |
| Corriente máx. De línea @25°C | IL | 10 A |
| Corriente de descarga máxima Capacidad máx. En onda 8/20µs por polo | I _{max} | 20 kA |
| Corriente de descarga nominal Prueba 8/20µs x 10 - categoría C2 | I _n | 5 kA |
| Modo(s) de protección | | Modo común |
| Nivel de protección @1kV/µs (C3) | Up | < 1200 V |
| Corriente de choque Prueba 10/350µs x 2 - categoría D1 | I _{imp} | 1 kA |
| Potencia máx. | | 780 W |
| Típico dejar pasar la energía (50 ohms) entrada 4kV 1.2/50µs - 2kA 8/20µs | | 1100 µJ |
| DC Pass | | Yes |
| Resistencia de aislamiento | IR | ≥10 GOhms |
| RF Power | W | 190.0000 |
| Return Loss | db | 20 |
| VSWR | :1 | <1.2:1 |
| Max Total Discharge Current | kA | 20.0000 |
| Max Discharge Current | kA | 20.0000 |
| RF SPD TYPE | | UL497E LISTED |
| TENSION | (V) | 48 |
| AC/DC/DC PV/RF | | RF |
| WIRES | | 1W+GROUND |
| LINE CURRENT MAX | (A) | 10 |
| AMBIENT MIN | (C) | -40 |
| AMBIENT MAX | (C) | +85 |
| IMAX | (kA) | 20 |
| FREQUENCY RANGE | (GHz) | 0-4.0 |
| INSERTION LOSS (@ FREQ) | (db) | <0.2 |
| RETURN LOSS | (db) | 22 |
| VSWR | | <1.25:1 |
| Instalación | | |
| Operating Temperature | °C | -45.0000 |
| Operating Temperature | °C | 85.0000 |
| Operating Temperature | °F | -50.0000 |
| Operating Temperature | °F | 85.0000 |
| Operating Relative Humidity | %RH | Can be submerged |
| Operating Altitude | Ft | 2000.0000 |
| Operating Altitude | Ft | 6500.0000 |
| Housing/Enclosure material | | Cu, Zn, Sn plated Brass |
| Mounting | | Bracket or Bulkhead through-hole |
| IP Environmental rating | | IP67 |
| Installation Location | | Indoor / outdoor |
| Spare part | | BB HF 250/20 |
| Accesorio | | BK series mounting bracket |
| Product Dimension | mm | 68.0000 |
| Product Dimension | mm | 26.0000 |
| Product Dimension | mm | 13.8000 |
| Product Dimension | In | 2.6800 |
| Product Dimension | In | 1.0200 |



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| | | |
|----------------------------------|----|--------------------------------------|
| Product Dimension | In | 0.5400 |
| Miscelánea | | |
| Individual Pack | | No |
| Storage Temperature | °C | -40.0000 |
| Storage Temperature | °C | 85.0000 |
| Storage Temperature | °F | -40.0000 |
| Storage Temperature | °F | 85.0000 |
| Características mecánicas | | |
| Tecnología | | Descargador de gas |
| Conexión a la red | | Conector UHF |
| Montaje | | Pasamuros (3/4) |
| Temperatura de operación | Tu | -40/+85°C |
| Clase de protección | | IP65 |
| Modo de fallo | | Corto-circuito |
| aislamiento | | PTFE |
| TECNOLOGIA | | GDT |
| FORMA DE CONEXION | | SERIES CONNECTOR, BI-DIRECTIONAL |
| MONTAJE | | BULKHEAD, OPTIONAL BRACKET |
| MATERIAL | | Housing-Cu, Zn, Sn plated Brass |
| NEMA RATING (IP RATING) | | NEMA 6P (IP67) |
| DIMENSIONS | | See diagram |
| WEIGHT | | 0.30 lbs |
| Normas | | |
| Normas ambientales | | EU RoHS |
| Conformidad RoHs | | Si |
| UL STANDARD | | UL497E |
| UL CATEGORY | | QVLA |
| UL FILE NUMBER | | E349646 |
| NORMAS | | NOM-003-SCFI-2014, NOM-001-SCFI-1993 |
| Código | | |
| 611812 | | |

