

NexTek Products and Applicable MIL-STDs

The following is a simplified list showing NexTek product ranges and MIL-STDs which apply to each:

Coaxial Lightning & Surge Arrestors:

| Category of MIL-STD | MIL-STD | Type of Spec/Req | NexTek Product Range | Examples |
|----------------------------|----------------------------------|--|--|------------------------------|
| Transient/EMC | MIL-STD 188-125 MIL-STD 461F | EMP/High Speed Transient | FPN, QSS, FPL, BTL series | FPNNMNFBD3B |
| | MIL-STD 464 | Lightning & EMP Transient | PTC, PTR, QSS, FPL, BTL series | PTCONFONF09S, QSSNFNF0400 |
| Electrical | MIL-STD 220 | Insertion Loss/RF Performance | All Coaxial Products (PTC, PTR, QSS, FPL, BTL, FPN, and Custom Products) | |
| Mechanical & Environmental | MIL-STD 202, MIL-STD 810, IEC529 | Shock, Vibration, Moisture, Temperature, Immersion | | |

High Current Feedthrough Filters:

| Category of MIL-STD | MIL-STD | Type of Spec/Req | NexTek Product Range | Examples |
|------------------------------|-------------------------------------|--|----------------------|----------|
| EMC/EMI | MIL-STD 461F | Emissions & Susceptibility | HPR series | HPR400 |
| Electrical | MIL-STD 220 | Insertion Loss (filtering) | | |
| Mechanical & Environmental | MIL-STD 202, MIL-STD 810 | Shock, Vibration, Temperature, Humidity, Terminal Strength | | |
| High-Reliability Electronics | MIL-C-49467, MIL-C-55681, MIL-C-123 | Burn-In Testing for High Reliability Application | HPR E-Series | HPR055 E |