

Substrate Options

Spectrum Control Powerfilm™ products are available in a variety of substrates.

BeO: BeO (Beryllium Oxide) offers a high thermal conductivity to enable best performing products.

AIA: AlN (Aluminum Nitride) offers a balance of thermal performance and cost – best value power products.

Alumina: Offers best value and performance for high-frequency applications with lower power requirements.



Terminal Options

Silver over Nickel: Best value

Gold: Best for Wire-bonding

Tinned with Lead-free solder: Best solderability

Tinned with Tin-Lead solder: RoHS compliant solder

Pills

Spectrum Control also offers pill terminations for high frequency and high powers.

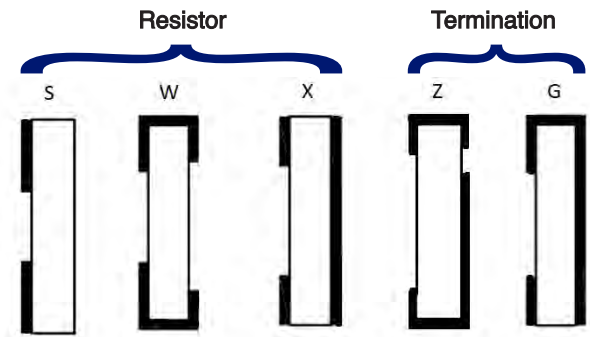
Rods

Spectrum Control also offers rod resistors in various sizes for both high frequency and hi



Contact us or visit our website for more details.

Resistor & Termination Wrap Styles



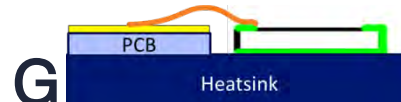
- Best RF performance
- Lowest cost



- Improved soldering
- Resistor can face up or down



- Best power handling, with full backplane to transfer heat



- Best power handling, with full backplane to transfer heat



- Combines ease of installation with high power performance