



FOR IMMEDIATE RELEASE

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PASSIVE PLUS, INC. ANNOUNCES: THIN FILM RESISTOR PRODUCTS

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With decades of experience in high reliability thin film products for the RF, Microwave, Telecommunications, Medical, Fiber-Optics, Defense, Space and Commercial industries, PPI produces the highest quality and broadest variety of resistors and Thin Film components (Standard and Custom designed). Facilities include an in-house RF lab that enables PPI to characterize both commercial and MIL-PRF-55342 Class H qualified parts. Capabilities include, but are not limited to, filled vias, gold bumping, and castellations on substrates from AlN to Quartz. Standard lead times are typically 4-8 weeks.

Thin Film Resistors are typically used for applications that require high stability, high accuracy, or low noise. Such applications may include test and measurement equipment, monitoring equipment, medical equipment, audio applications, precision controls and instrumentation.

Thin Film Resistors are also able to achieve much lower tolerances and resistor temperature coefficients, have lower noise, lower parasitic inductance and lower capacitance. As a result, thin film resistors are stable at much higher frequencies and will be significantly more stable over their lifetime compared to thick film resistors.

Product Features:

Style	PPI Series	Resistance Range	Operating Frequencies	Power Handling
Standard Resistors	PR	0.5 to 35M	DC to 500MHz	50mW - 6W
Back Contact Resistors	PR	5 to 25M	DC to 500MHz	50mW - 750mW
Resistors with Edge Wrap	PR	1 to 3.5M	DC to 500MHz	50mW - 6W
Microwave Resistor	PM	2 to 5k	DC to 60GHz	50mW - 15W
Microwave with Edge Wrap	PM	2 to 5k	DC to 60GHz	50mW - 15W

PPI is a manufacturer of high-performance RF/Microwave passive components specializing in High-Q, Low ESR/ESL Capacitors, Broadband Capacitors, Single Layer Capacitors, Non-Magnetic Resistors (High Power and Thin Film) and Trimmer Capacitors for the Medical, Semiconductor, Military, Broadcast, and Telecommunications Industries.

PPI is ISO9001:2015 certified.

Contact PPI directly at +1 (631) 425-0938 or sales@passiveplus.com for quotes, pricing, orders, custom requests or specific engineering questions.

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