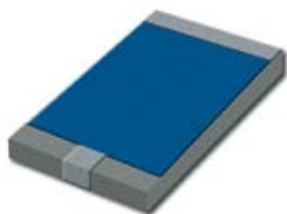


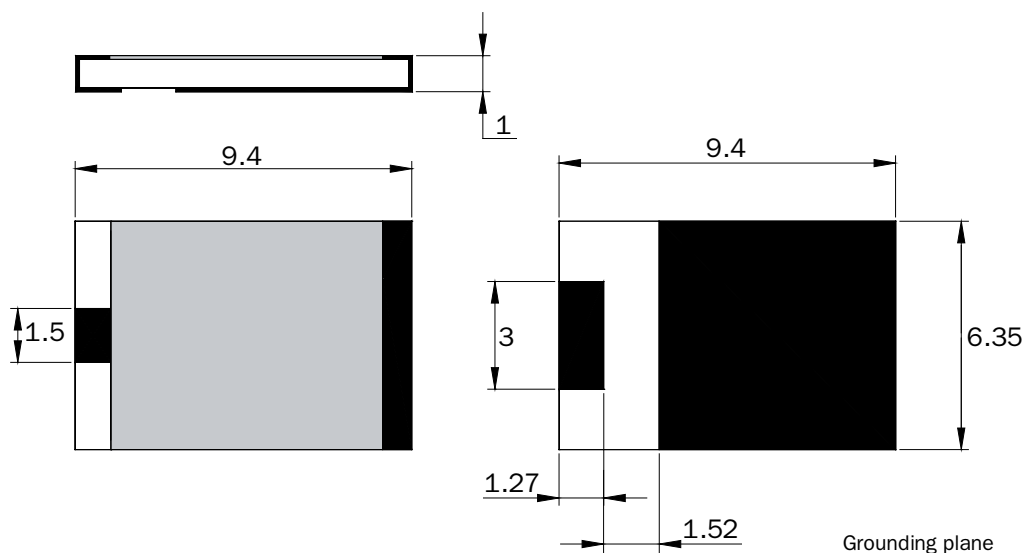
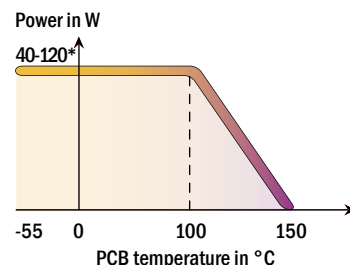
40-120* W AIN SMT Termination



Standards
NF C 96-315
MIL-DTL-39030



Substrate	AIN
Resistive film	Thick film
Protection film	Epoxy
Contacts finition	Tin over Nickel barrier



Dimensions in mm

P/N	Frequency (GHz)	Power (W)	Impedance ($\Omega \pm 5\%$)	Max VSWR
45-0011S	2.5	120	50	1.25

mm	inch
1	0.039
1.27	0.050
1.5	0.059
1.52	0.060
3	0.118
6.35	0.250
9.4	0.370

* IMPORTANT NOTE FOR POWER DISSIPATION

40 W : When mounted on PCB 0.8 mm thick Sn 35 μ plated with 64 via holes \varnothing 0.5 mm filled with Sn96Ag4 solder.

120 W : When directly soldered on \varnothing 6.35 mm Cu cylinder acting as a thermal drain.



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