

**Product Description :**

This is a series of high performance GaAs resistor chip, for radio frequency and microwave applications. Small size, stable resistance value, with superior performance.

**Absolute Maximum Ratings (Ta = 25°C)**

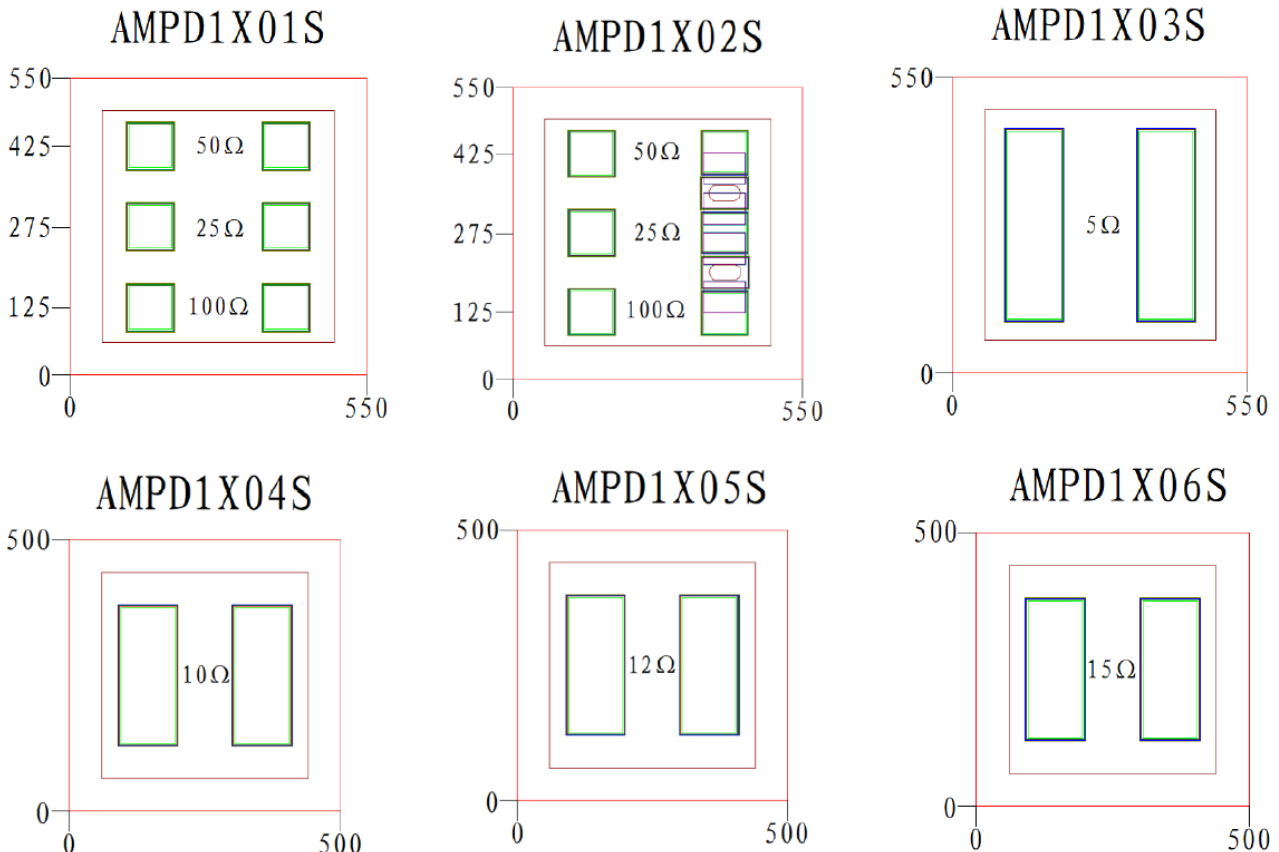
Symbol	Parameter	Value	Remark
Tch	Operation Temperature	-55 ~ +125°C	
Tstg	Storage Temperature	-65 ~ +150°C	

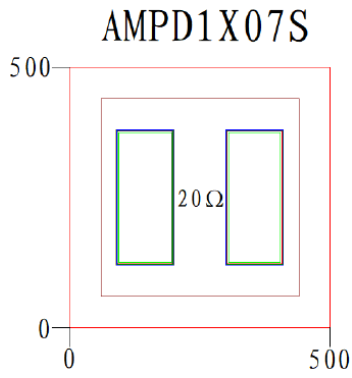
[1] Operation outside any of the Absolute Maximum Ratings may cause permanent device damage.

**Electrical Characteristics (Ta = 25°C)**

Model	Resistance (Ω)	Dimension	Max. Current	Remark
AMPD1X01S	25 / 50 / 100Ω	550μm x 550μm	0.15 A	
AMPD1X02S	25 / 50 / 100Ω	550μm x 550μm	0.15 A	One of the pad connected to ground
AMPD1X03S	5	550μm x 550μm	0.5 A	
AMPD1X04S	10	500μm x 500μm	0.5 A	
AMPD1X05S	12	500μm x 500μm	0.5 A	
AMPD1X06S	15	500μm x 500μm	0.5 A	
AMPD1X07S	20	500μm x 500μm	0.5 A	

**Chip Dimensions (Unit : μm)**





**Chip Layout Diagram**

