

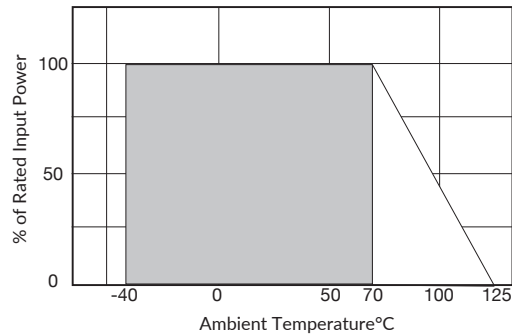
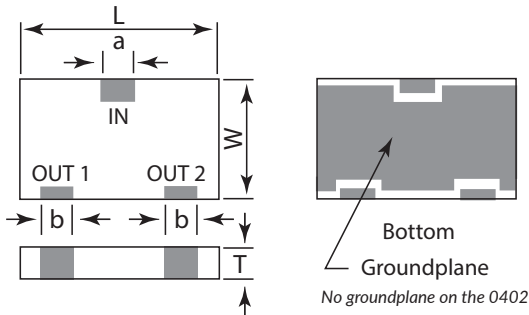
### FEATURES

- 96% Alumina substrate material
- NiCr resistive element
- Broadband to 30GHz (face down mounting)
- 100% matte tin terminals
- Sizes from 0402 to 1206
- Three resistor "Y" configuration
- RoHS compliant
- Wraparound terminals

ITEM	SPECIFICATION
Frequency Range:	IPT-0402WA: DC-20GHz, DC to 30GHz face down IPT-1206WA: DC-15GHz, DC to 25GHz face down
Attenuation:	6 dB ± 0.5dB (DC to less than 10GHz) 6 dB ± 1.0dB (10GHz up)
Distribution Deviation:	Max 0.3dB
Input VSWR:	1.3 or less (DC to less than 10GHz) 1.5 or less (10GHz up)
Output VSWR:	1.3 or less (DC to less than 10GHz) 1.5 or less (10GHz up)
Temperature Range:	-40°C to +125°C

### DIMENSIONS

Part	Length	Width	Height (max)	(a) input ± 0.004"	(b) outputs ± 0.004"	Max Power	Rated Power (70°C)	Impedance	Attachment Method	Terminal Metallization
IPT-0402WA	0.039"	0.020"	0.016"	0.016"	0.014"	200mW	100mW	50Ω	Solder	NiCr/Ni/Sn
IPT-0603WA	0.063"	0.032"	0.020"	0.018"	0.014"	200mW	100mW	50Ω	Solder	NiCr/Ni/Sn
IPT-0805WA	0.079"	0.049"	0.020"	0.018"	0.014"	250mW	125mW	50Ω	Solder	NiCr/Ni/Sn
IPT-1206WA	0.126"	0.063"	0.020"	0.014"	0.016"	500mW	250mW	50Ω	Solder	NiCr/Ni/Sn



### ORDERING INFORMATION

Example: 0402, 100 mW, 50Ω, 6 dB 2 way splitter with wraparound terminals, taped face down

IPT - 0402WA - C - U	
<b>Sizes</b>	<b>Packaging</b>
0402 <sup>1</sup> 0603	Blank - Standard T/R
0805 1206	U - Face down T/R
<b>Terminal Style</b>	<b>Impedance</b>
WA - Wraparound	C - 50Ω

T=Tape and Reel, U=Upside Down  
RoHS Compliant =

RoHS

1. 0402 only available in "U" upside down T/R