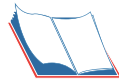
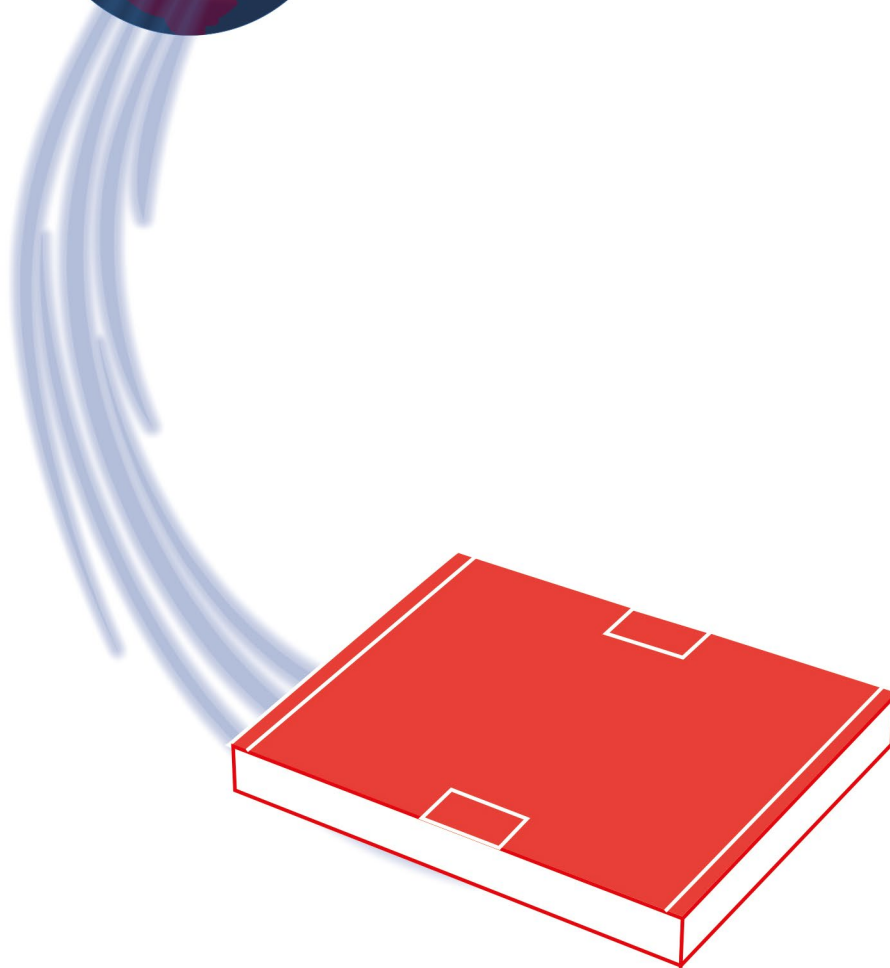


# CHIP ATTENUATORS



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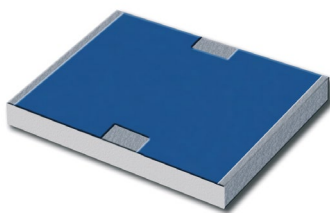


## For Power Amplifiers, Couplers, Combiners & Isolators

- ⇒ Easy Soldering on Base Plate
- ⇒ Size 3523 to 3737
- ⇒ 50 to 200 W
- ⇒ Up to 3 GHz

|                       |   |
|-----------------------|---|
| 50 W 3 GHz BeO        | 3 |
| 100 W 3 GHz AlN       | 4 |
| 200 W 2.2 GHz AlN     | 5 |
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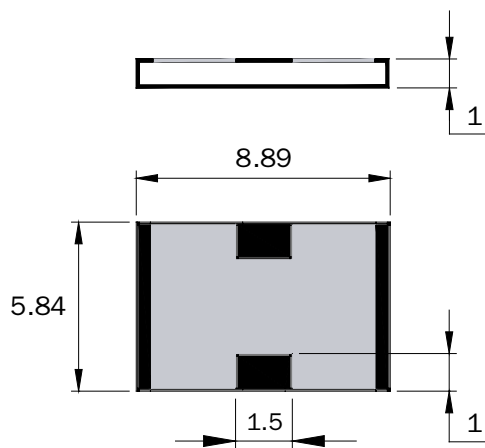
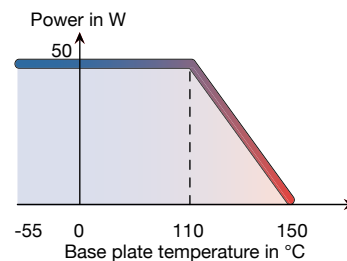
# 50 W 3 GHz BeO



Standards  
NF C 96-315  
MIL-DTL-3933



|                 |            |
|-----------------|------------|
| Substrate       | BeO        |
| Resistive film  | Thick film |
| Protection film | Epoxy      |
| Contacts        | PtAg       |
| Size            | 3523       |



Dimensions in mm

[Return to Search by Part Number](#)

| P/N     | Attenuation* (dB) | Frequency (GHz) | Power (W) | Impedance ( $\Omega \pm 5\%$ ) | Max VSWR | Accuracy $\pm \Delta\alpha$ (dB) |
|---------|-------------------|-----------------|-----------|--------------------------------|----------|----------------------------------|
| 43-0107 | 1                 | 3               | 50        | 50                             | 1.25     | 0.6                              |
| 43-0108 | 2                 | 3               | 50        | 50                             | 1.25     | 0.6                              |
| 43-0062 | 3                 | 3               | 50        | 50                             | 1.25     | 0.6                              |
| 43-0061 | 6                 | 3               | 50        | 50                             | 1.25     | 0.6                              |
| 43-0060 | 10                | 3               | 50        | 50                             | 1.25     | 0.6                              |
| 43-0105 | 15                | 3               | 50        | 50                             | 1.25     | 1                                |
| 43-0059 | 20                | 3               | 50        | 50                             | 1.25     | 1                                |
| 43-0058 | 30                | 3               | 50        | 50                             | 1.25     | 1.2                              |

| mm   | inch  |
|------|-------|
| 1    | 0.039 |
| 1.5  | 0.059 |
| 5.84 | 0.230 |
| 8.89 | 0.350 |

\* Others values on request

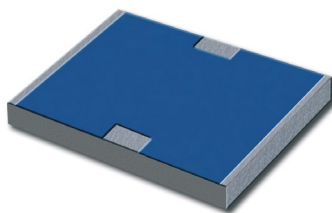
 Available on Tap and Reel Packaging



# 100 W 3 GHz AIN

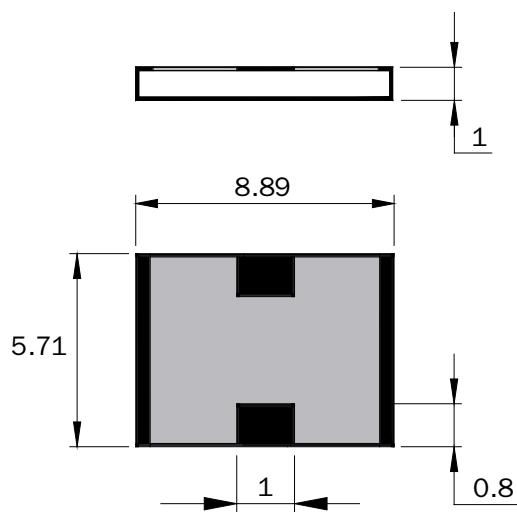
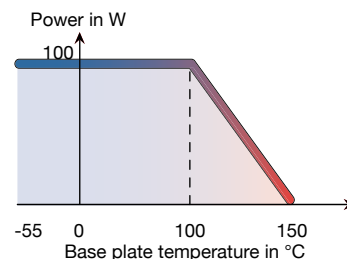


Standards  
NF C 96-315  
MIL-DTL-3933



Chip Attenuators

|                   |                            |
|-------------------|----------------------------|
| Substrate         | AlN                        |
| Resistive film    | Thick film                 |
| Protection film   | Epoxy                      |
| Contacts finition | Silver over Nickel barrier |
| Size              | 3523                       |



Dimensions in mm

[Return to Search by Part Number](#)

| P/N      | Attenuation* (dB) | Frequency (GHz) | Power (W) | Impedance ( $\Omega \pm 5\%$ ) | Max VSWR | Accuracy $\pm \Delta\alpha$ (dB) |
|----------|-------------------|-----------------|-----------|--------------------------------|----------|----------------------------------|
| 45-0044Y | 20                | 3               | 100       | 50                             | 1.20     | 0.5                              |
| 45-0067Y | 25                | 3               | 100       | 50                             | 1.20     | 1.5                              |
| 45-0043Y | 30                | 3               | 100       | 50                             | 1.20**   | 1.5***                           |

| mm   | inch  |
|------|-------|
| 0.8  | 0.032 |
| 1    | 0.040 |
| 5.71 | 0.225 |
| 8.89 | 0.350 |

\* Others values on request

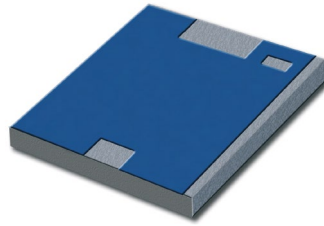
\*\* VSWR  $\leq 1.20$  at 2.5 GHz

\*\*\*  $\pm \Delta\alpha$  (dB)  $\leq 1.5$  at 2.5 GHz



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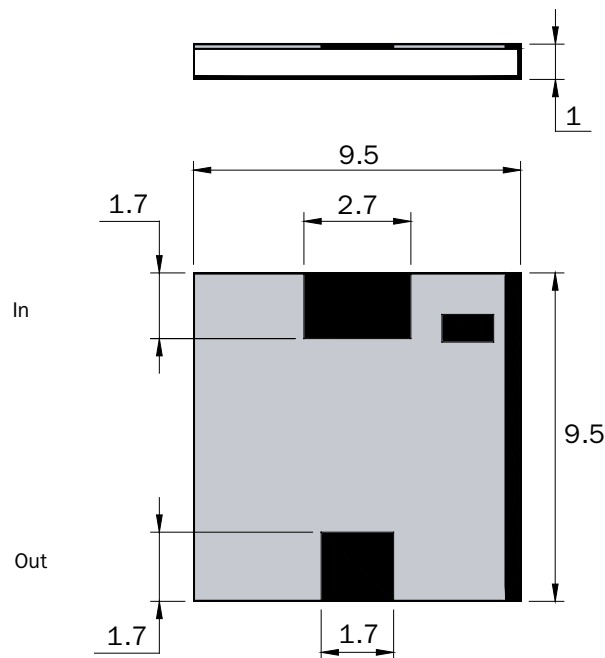
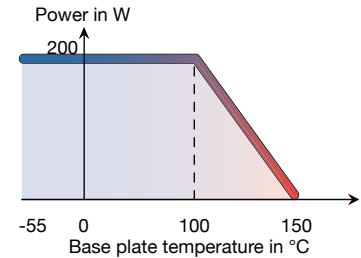
# 200 W 2.2 GHz AIN



Standards  
NF C 96-315  
MIL-DTL-3933



|                   |                            |
|-------------------|----------------------------|
| Substrate         | AlN                        |
| Resistive film    | Thick film                 |
| Protection film   | Epoxy                      |
| Contacts finition | Silver over Nickel barrier |
| Size              | 3737                       |



Dimensions in mm

Chip Attenuators



[Return to Search by Part Number](#)

| P/N      | Attenuation* (dB) | Frequency (GHz) | Power (W) | Impedance ( $\Omega \pm 5\%$ ) | Max VSWR IN | Accuracy $\pm \Delta\alpha$ (dB) |
|----------|-------------------|-----------------|-----------|--------------------------------|-------------|----------------------------------|
| 45-0016Y | 30                | 2.2             | 200       | 50                             | 1.20        | 1.5                              |

| mm  | inch  |
|-----|-------|
| 1   | 0.039 |
| 1.7 | 0.067 |
| 2.7 | 0.106 |
| 9.5 | 0.374 |

\* Others values on request

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11 juin 2024

# Search by Part Number

Chip Attenuators

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| <a href="#">43-0061</a>  | J3   |
| <a href="#">43-0062</a>  | J3   |
| <a href="#">43-0105</a>  | J3   |
| <a href="#">43-0107</a>  | J3   |
| <a href="#">43-0108</a>  | J3   |
| <a href="#">45-0016Y</a> | J5   |
| <a href="#">45-0043Y</a> | J4   |
| <a href="#">45-0044Y</a> | J4   |
| <a href="#">45-0067Y</a> | J4   |





# Notes

Chip Attenuators



