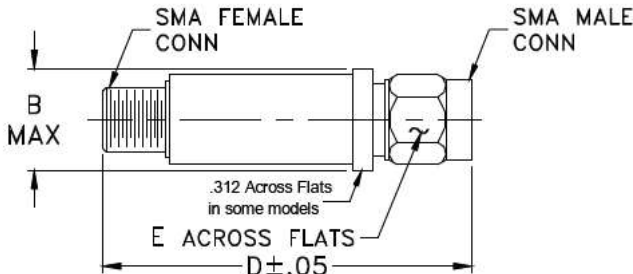


**VAT 30 SMA-Daempfungsglied / SMA-attenuator**  
**50 Ω 0.5 W 30 dB DC-6000 MHz**  
**Artikel Nr. / Part-no.: 5094**

**Outline Drawing**



CASE STYLE: FF704  
 Connectors Model  
 SMA VAT-30+

**Mechanische Eigenschaften / Mechanical specifications:**

Betriebstemperaturbereich / Operating temperature range	-45 / +100°C
Lagertemperaturbereich / Storage temperature range	- 55 / +100°C
Steckverbinder / Connectors	SMA-Typ / SMA Type
RoHs konform / RoHs compliant	Ja / Yes

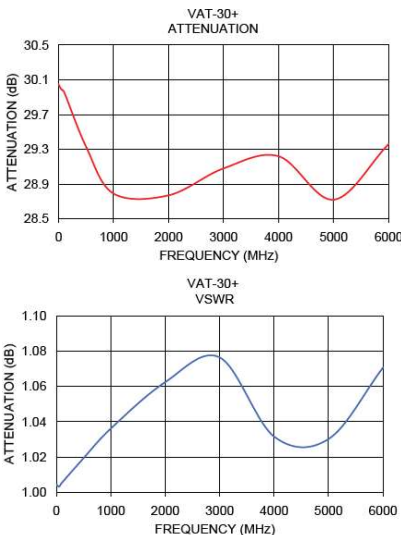
**Elektrische Eigenschaften / Electrical specifications:**

FREQ. RANGE (MHz)	ATTENUATION * (dB)					VSWR (:1)			MAX. INPUT POWER (W)		
	Flatness **					DC-3 GHz		3-5 GHz		5-6 GHz	
	DC-3 GHz	3-5 GHz	5-6 GHz	DC-6 GHz		Typ.	Max.	Typ.		Max.	Typ.
$f_L - f_U$	Nom.	Typ.	Typ.	Typ.	Typ.	Typ.	Max.	Typ.	Max.	Typ.	
DC-6000	30±0.3	1.10	0.70	0.35	1.30	1.05	1.20	1.15	1.30	1.25	0.5

\* Attenuation varies by 0.3 dB max. over temperature.

\*\* Flatness= variation over band divided by 2.

**Typical Performance Data**



Frequency (MHz)	Attenuation (dB)	VSWR (:1)
0.03	30.05	1.00
50.00	29.99	1.00
100.00	29.96	1.01
500.00	29.33	1.02
1000.00	28.79	1.04
2000.00	28.77	1.06
3000.00	29.08	1.08
4000.00	29.22	1.03
5000.00	28.72	1.03
6000.00	29.36	1.07