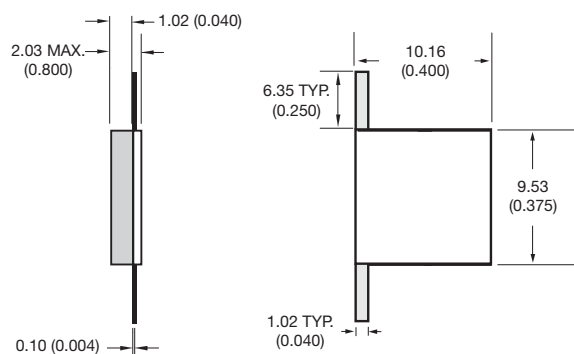


High Power Resistive Products

Leaded Chip Attenuators - LA Series

GENERAL SPECIFICATIONS

- **Frequency Range:** DC to 3 GHz
- **Input Power:** 150 Watts (See Graph on Page 4)
- **Operating Temp Range:** -55°C to +150°C
- **Attenuation Stability:** 0.0001 dB/dB/°C,
- **Resistive Elements:** Tantalum Nitride
- **Substrate Material:** Aluminum Nitride
- **Leads:** 99.99% Pure Silver
- **Cover:** Alumina
- **RoHS Compliant**



MECHANICAL TOLERANCE

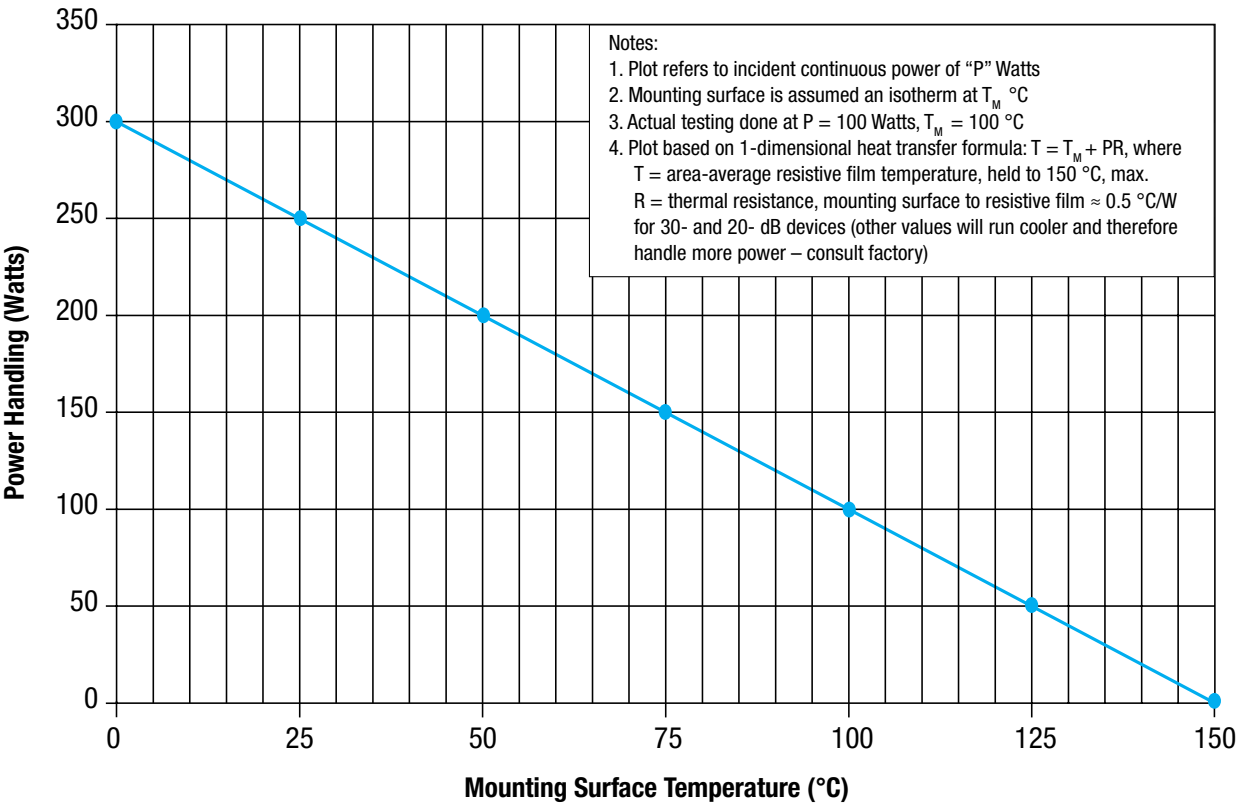
±0.25 (0.010) unless otherwise specified

Part Number	Nominal Attenuation (dB)	Frequency Sensitivity (dB, typ.)	Nominal Deviation from Attenuation Value (dB)	VSWR (typ.)
LA13740P01DBFBK	1	± 0.20	+0.45 / -0.15	1.55
LA13740P02DBFBK	2	± 0.30	0.50 / -0.30	1.50
LA13740P03DBFBK	3	± 0.30	0.60 / -0.30	1.50
LA13740P06DBFBK	6	± 0.30	+0.60 / -0.20	1.30
LA13740P09DBFBK	9	± 0.30	+0.60 / -0.20	1.30
LA13740P10DBFBK	10	± 0.20	+0.40 / -0.30	1.25
LA13740P17DBFBK	17	± 1.00	+1.00 / -1.20	1.30
LA13740P20DBFBK	20	± 1.00	+1.00 / -1.20	1.25
LA13740P30DBFBK	30	± 1.05	+1.75 / -1.20	1.25

HOW TO ORDER

LA1	3740	P	02DB	F	BK
Case Style	Case Size	Termination P = Pd over Ni Attach	Value Nominal Attenuation in dB Written as xxDB or xRxDB (Letter R denotes a decimal point) Example: 01DB = 1dB 1R4DB = 1.4dB 17DB = 17dB	Tolerance Code Tol. F ±1%	Packaging BK = Plastic Carrier

Attenuator Power Handling vs. Mounting Surface Temperature



Attenuator Insertion Loss w/ Respect to Frequency

