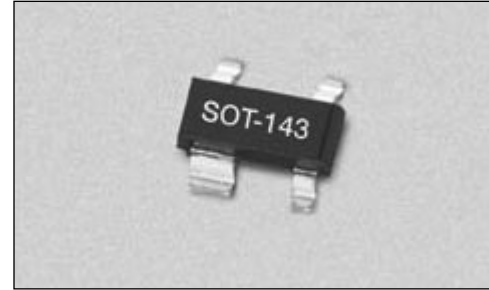


### Features

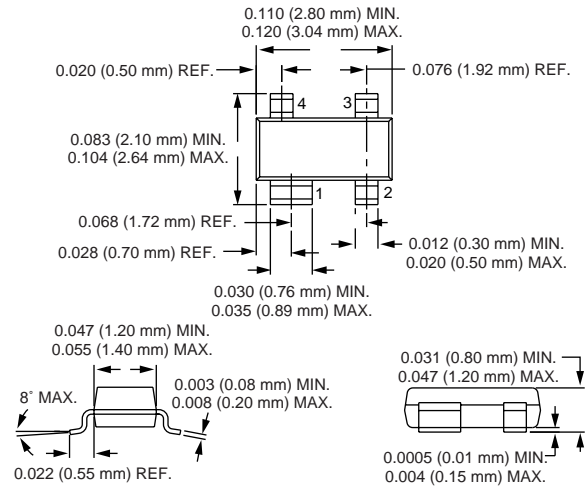
- Extremely Flat Response DC–2.5 GHz
- Return Loss >16 dB, DC–2.5 GHz
- 0.5 W CW Power Handling
- Low Cost Industry Standard SOT-143 Package
- Designed for High Volume Commercial Applications
- Available in 1–10, 12, 15, 20, 30 and 40 dB Values

### Description

The SMA1305 series of fixed attenuators are specified from DC–2.5 GHz in industry standard SOT-143 surface mount plastic packages. They are constructed using thin film resistors in a balanced TEE configuration on silicon substrates, resulting in precise devices with narrow tolerance, good flatness and low SWR.



### SOT-143



### Electrical Specifications at 25°C

Part Number	Nominal Attenuation (dB)	Tolerance @ DC (dB)	Maximum Flatness			Return Loss Min. DC–2500 MHz (dB)	Package
			DC–500 MHz (dB)	DC–1000 MHz (dB)	DC–2500 MHz (dB)		
SMA1305-01	1	±0.15	0.2	0.3	0.6	16	SOT-143
SMA1305-02	2	±0.15	0.2	0.3	0.6	16	SOT-143
SMA1305-03	3	±0.25	0.2	0.3	0.6	16	SOT-143
SMA1305-04	4	±0.25	0.2	0.3	0.6	16	SOT-143
SMA1305-05	5	±0.25	0.2	0.3	0.6	16	SOT-143
SMA1305-06	6	±0.25	0.2	0.3	0.6	16	SOT-143
SMA1305-07	7	±0.25	0.2	0.3	0.6	16	SOT-143
SMA1305-08	8	±0.35	0.2	0.3	0.6	16	SOT-143
SMA1305-09	9	±0.35	0.2	0.3	0.6	16	SOT-143
SMA1305-10	10	±0.35	0.2	0.3	0.6	16	SOT-143
SMA1305-12	12	±0.50	0.2	0.3	0.6	16	SOT-143
SMA1305-15	15	±0.50	0.2	0.3	0.6	16	SOT-143
SMA1305-20	20	±1.10	0.2	0.3	0.6	16	SOT-143
SMA1305-30	30	±1.60	0.2	0.3	0.6	16	SOT-143
SMA1305-40	40	±1.60	0.2	0.3	0.6	16	SOT-143