SCHLÖDER
EMV-Systeme & Komponenten

# ESD - Verification Set (4 GHz)

# SESD 8800-4

## Introduction:

ESD - Generators verified according to the standard International Electro technical Commission 61000-4-2, ISO 10605 and other. The measurements of the single pulses take place with a special 2 ohm shunt. For the correct verification of the ESD impulses an oscilloscope is necessary with a minimum bandwidth of

- 2 GHz acc. IEC 61000-4-2, 2008 and
- 1 GHz acc. ISO 10605, 2008.

The ESD verification set SESD 8800-4 works up to 4 GHz and fulfilled the request of the double bandwidth regarding to the measurement bandwidth.

## Technical data:

| | |
|---|---|
| Structure: | In accordance with IEC/EN 61000-4-2, ISO 10605 and other |
| Measurement resistor 2 ohms target: | 1,96 Ohm +/- 2,5% with connected attenuator |
| Attenuator: | Weinschel Model 2, 20dB |
| Test lead: | Low Loss cable 1m (0,7m) with BNC-connector (Oscilloscope side) |
| Deviation of the insert attenuation: | +/- 0,5 dB until 1 GHz<br>+/- 1,2 dB between 1 GHz and 4 GHz<br>Measurement with attenuator and cable |
| Maximum pulse voltage: | 30 kV |
| Weight: | 550 g |
| Part code: | SESD 8800-4 |

## Include:

- 2 Ohm ESD – target (4 GHz)
- 20 dB attenuator
- Koax cable 1m
- Calibration certificate (PTB) with data of the S-parameters in the frequency range up to 4 GHz

technical data may be changed without notice

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