

# DESCO INDUSTRIES INCORPORATED

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## QUALIFICATION REPORT – ANSI/ESD S20.20

### DESCO SOLE GROUNDER

ANSI/ESD S20.20	DESCO Test Results	Test Methods
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Point-to-Groundable-Point Resistance (ohms), 48-72 hours, 10V/100V, N=6 specimens

@12%RH, 23°C	$< 1.0 \times 10^9$	See Table 1	ANSI/ESD SP9.2
@ 50%RH, 23°C	$< 1.0 \times 10^9$	See Table 1	ANSI/ESD SP9.2

**Test Equipment (Calibration records and test results are located at our corporate lab (Sanford, NC)):**

For Test Method ANSI/ESD SP9.2:

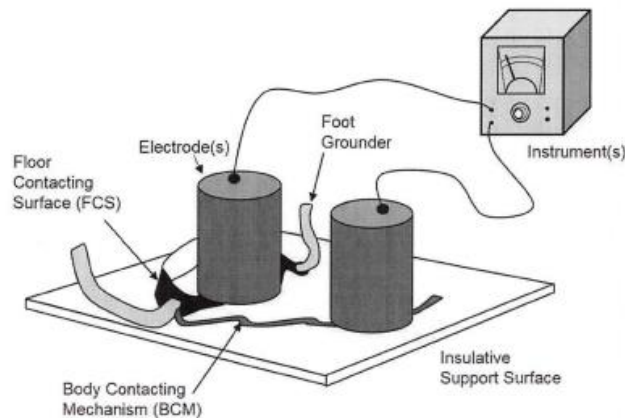
- ETS Controlled Environment Chamber (Model 5532)
- SCS Surface Resistance Meter (Model 770761)

#### Test Data:

Table 1 – Resistance (ohms)

Specimen	Point-to-Groundable-Point Resistance (ohms)	
	@ 23°C, 12%RH, 48-72 hours	@ 23°C, 50%RH, 48-72 hours
1	$5.34 \times 10^4$	$4.07 \times 10^4$
2	$2.10 \times 10^6$	$2.11 \times 10^6$
3	$3.86 \times 10^4$	$4.33 \times 10^4$
4	$2.13 \times 10^6$	$2.20 \times 10^6$
5	$2.15 \times 10^6$	$2.11 \times 10^6$
6	$2.05 \times 10^6$	$2.18 \times 10^6$
<b>Min =</b>	$3.86 \times 10^4$	$4.07 \times 10^4$
<b>Max =</b>	$2.15 \times 10^6$	$2.20 \times 10^6$
<b>Mean =</b>	$1.42 \times 10^6$	$1.45 \times 10^6$

#### References:



ANSI/ESD SP9.2 – Figure 1: Foot Grounder Resistance Test