



ESD TESTING- HUMAN BODY MODEL (HBM)

Friday, 2 March 2012

HBM DESCRIPTION:

THE HBM SIMULATES THE ACTION OF HUMAN BODY DISCHARGING ACCUMULATED STATIC CHARGE THROUGH A DEVICE, AND EMPLOYS A SERIES RC NETWORK CONSISTING OF A 150PF CAPACITOR AND 330 OHM RESISTOR. BOTH POSITIVE AND NEGATIVE STRESS ARE USED FOR THIS TEST.

HBM REFERENCE STANDARDS:

IEC 61000-4-2

ESD TESTING EQUIPMENT:

NoiseKen ESS2002EX ESD TESTER



TESTING RESULT:

Refer Standard : JESD22-A114

CLASS 0: 0V~250V

CLASS 1A: 250V~499V

CLASS 1B: 500V~999V

CLASS 1C: 1000V~1999V

CLASS 2: 2000V~3999V

CLASS 3A: 4000V~7999V

CLASS 3B: 8000V~