

DP-60HS HIGH VOLTAGE DIFFERENTIAL PROBE —

SPECIFICATIONS

- (1) Bandwidth:
 - DC - to 60 MHz (-3 dB) (for X10)
 - DC - to 60 MHz (for X5)
 - DC - to 30 MHz (for X1)
- (2) Attenuation: X10, X5, or X1
- (3) Accuracy: $\pm 2\%$
- (4) Voltage Input Ranges (DC + AC peak to peak)
 - ≤ 35 V for X10, (i.e about 25 Vrms or 70 Vp-p)
 - ≤ 17.5 V for X5, (i.e about 13 Vrms or 35 Vp-p)
 - ≤ 3.5 V for X1, (i.e about 2.5 Vrms or 7 Vp-p)
- (5) Permitted Max Input Voltage
 - Max differential voltage: 70 V (DC + AC peak to peak)
 - Max voltage between each input terminal and ground:
17 V DC or 12 Vrms
- (6) Input Impedance:
 - Differential: $1\text{ M}\Omega // 10\text{ pF}$
 - Between terminals and ground: $0.5\text{ M}\Omega // 20\text{ pF}$
- (7) Output: $\leq \pm 4.0$ V
- (8) Output Impedance: $50\ \Omega$
- (9) Rise Time: 5.8 ns for X10, 5.8 ns for X5, 7 ns for X1
- (10) Rejection Rate on Common Mode:
 - 60 Hz: $> 80\text{ dB}$, 100 Hz: $> 60\text{ dB}$, 1 MHz: $> 50\text{ dB}$
- (11) Power Supply:
 - External 9 V DC power supply.
- (12) Consumption: 120 mA max (1.1 WATT)