PEARSON™
CURRENT MONITOR
MODEL 2878

Sensitivity 0.1 Volt/Ampere +1/-0%
Output resistance 50 Ohms
Maximum peak current 400 Amperes
Maximum rms current 10 Amperes
Droop rate 0.02 %/microsecond
Useable rise time 5 nanoseconds
Current time product 4 milliamp-sec. maximum*
Low frequency 3dB point 30 Hz (approximate)
High frequency 3dB point 70 MHz (approximate)
I/f figure 0.025 peak Amperes/Hz
Output connector SMA
Operating temperature 0 to 65 °C
Weight 1.15 ounces

* Maximum current-time product can be obtained by using core-reset bias as described in the Application Notes. 1.4 milliAmpere-second is typical without bias.