

PEARSON™ CURRENT MONITOR MODEL 5046

Sensitivity	0.01 Volt/Ampere $\pm 0.5\%$
Output resistance	50 Ohms
Maximum peak current	25,000 Amperes
Maximum rms current	100 Amperes
Droop rate	0.25 %/millisecond
Useable rise time	20 nanoseconds
Current time product	0.5 Ampere-second maximum*
Low frequency 3 dB point	0.5 Hz (approximate)
High frequency response	20 MHz ± 3 dB
I/f figure	3 peak Amperes/Hz
Output connector	BNC (UG-290A/U)
Operating temperature	0 to 65 °C
Weight	8.3 ounces

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

© 1999 Pearson Electronics, Inc. 5046.SPX_990513

