PEARSON ELECTRONICS, INC.

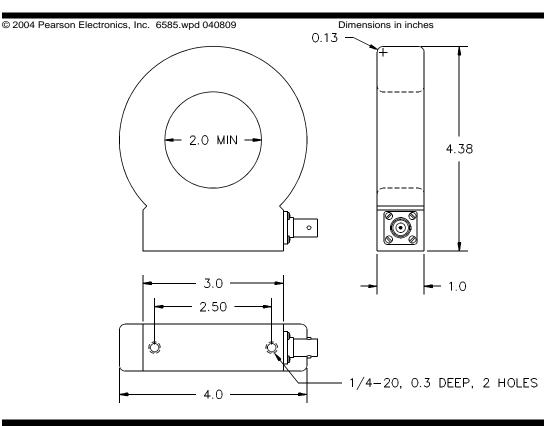
PEARSON[™] CURRENT MONITOR MODEL 6585

Sensitivity

Sensitivity	1 V/A ±1% 0.5 V/A into 50 Ω
Output resistance	50 Ω
Maximum peak current	500 A
Maximum rms current	10 A
Droop rate	0.3 %/µs
Useable rise time	1.5 ns
Maximum I•t	0.002 A s with bias
Low frequency 3 dB cut-off	400 Hz
High frequency ±3 dB	250 MHz
Maximum I ² t / pulse	5 A² s
Output connector	BNC (UG-290A/U)
Operating temperature	0 to 65 °C
Weight	0.68 kg

1 V/A ±1%

* Maximum current-time product can be obtained by using core-reset bias as described in the *Application Notes*.
0.0005 Ampere-second is typical without bias.



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