

**TABLE 2 SINGLE-PHASE VERSUS INTERLEAVED INDUCTOR**

	Single phase	Interleaved
No. of inductors	One	Two
Inductance specification (mH)	27	10
Inductor-current specification (A)	21	10.5
Total $LI^2$ specification (mH $\times$ A <sup>2</sup> )	11,907	2205
Height (in.)	1.6	1.1
Total actual volume (in. <sup>3</sup> )	2	1.8
$LI^2$ /volume (actual)	6075	1225
Actual resistance (V)	0.008	0.006
Total loss (W)	5.8	1.2