

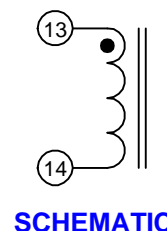
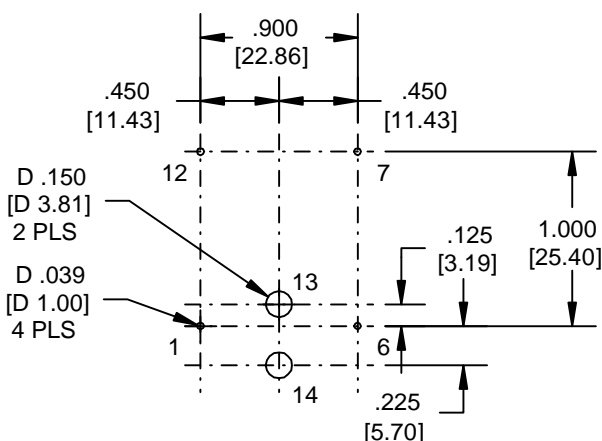
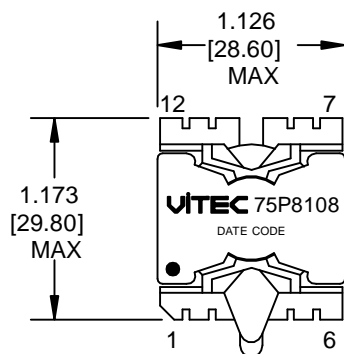
Power Inductor

75P8108

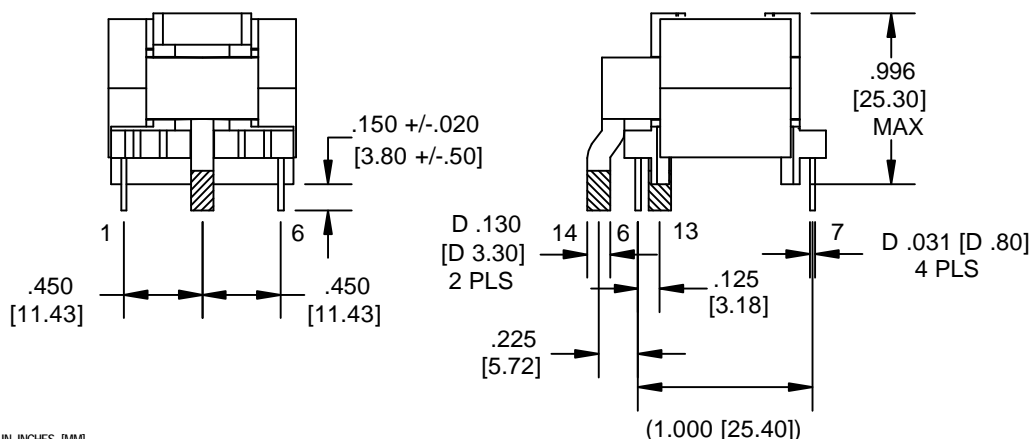
FEATURES

- Designed to be used with Texas Instruments UCC28950 Phase Shifted Full Bridge Controller
- Operating Temperature from -40°C to 125°C
- Manufactured to UL recognized 130°C insulation system.
- Materials meet flammability requirements for UL 94V-0.
- Order **75PR8108** for RoHS Compliant Version.

MECHANICAL



SUGGESTED PCB LAYOUT



ALL DIMENSIONS GIVEN IN INCHES [MM].
TOLERANCES UNLESS OTHERWISE SPECIFIED.
.XX +/- .01 [X +/- .25] .XXX +/- .005 [XX +/- .13] ANGULAR: +/- 1°

ELECTRICAL SPECIFICATIONS @ 25°C

OCL: AT 100 KHz, 0.100 VRMS
(13-14) = 2.0 +/-5% uH (1.90-2.10 uH)
(13-14) = 1.52 uH MIN., @ 71 ADC BIAS, 25°C
(13-14) = 1.52 uH MIN., @ 59 ADC BIAS, 100°C

DCR:
(13-14) = 0.75 +/-15% mOHMS (0.64-0.86 mOHMS)

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REF: AF5033

FILE NAME: 75P8108_082611

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