

1 2 3 4 5 6 7 8

A

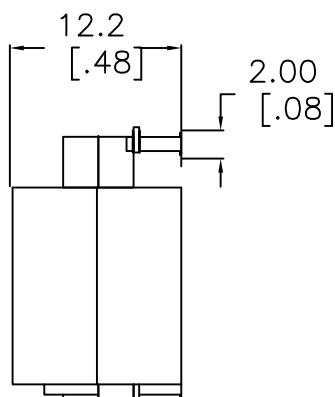
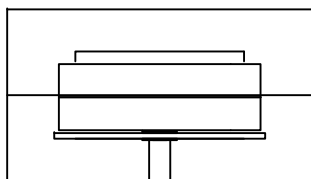
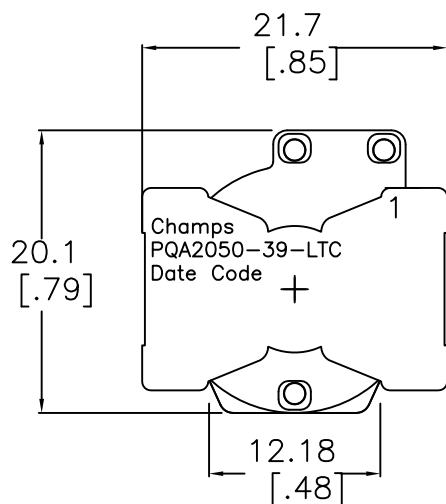
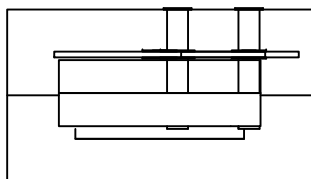
B

C

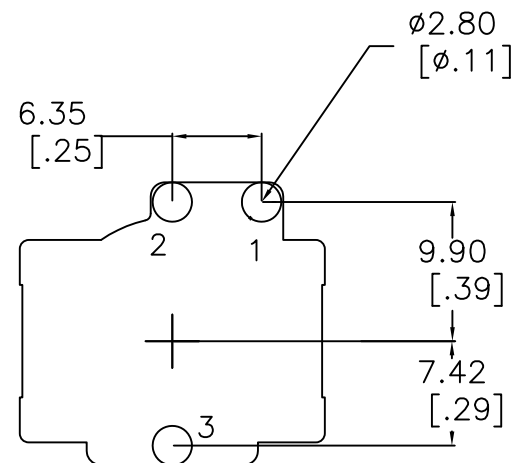
D

E

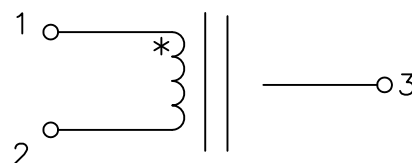
F



SUGGESTED
PAD
LAYOUT
Rounded
Pad



Schematic



NOTES:

1. INDUCTANCE [1-2] = 39.0uH Nom, 36.0 Min. @10kHz/0.1V 6.5Adc
2. INDUCTANCE [1-2] = 35 uH Min @10kHz/0.1V 7.5Adc
3. DCR [1-2] = 14 mohms Nom 17 Max
4. DIELECTRIC ISOLATION > 500 VDC [1-2] : CORE
5. SATURATION CURRENT @25C = 8.5 Adc | @85C = 7.5 Adc
6. HEATING CURRENT FOR 40C RISE AT 25C AMBIENT = 10.0 Adc
7. Temp Rating -55C to +130C [Inclusive of Temp Rise]
8. RoHS Level 6/6 Compliant || REACH Compliant

No.	DESCRIPTION	REVISIONS	DATE	APPR
THIRD ANGLE PROJECTION				
CHAMPS TECHNOLOGIES				
TOLERANCES +/- 1.0 UNLESS OTHERWISE INDICATED	DRAWN	SIGN HE	DATE 8/20/08	Champs No. PQA2050-39-LTC
	CHKD			Customer Part #:
	APPR			INDUCTOR
				SCALE 2:1