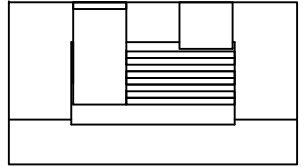
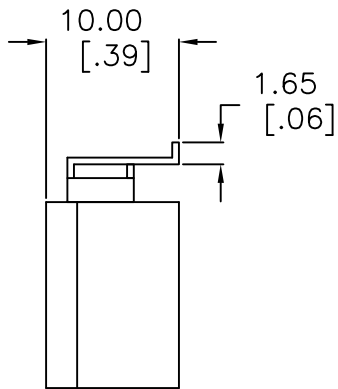
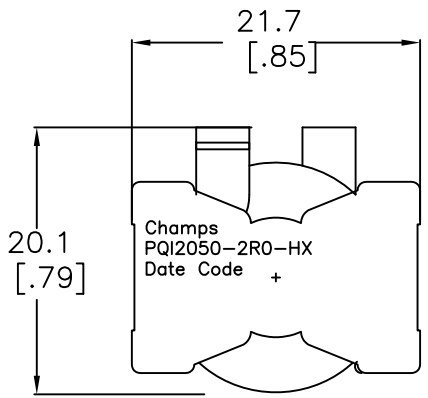


1 2 3 4 5 6 7 8

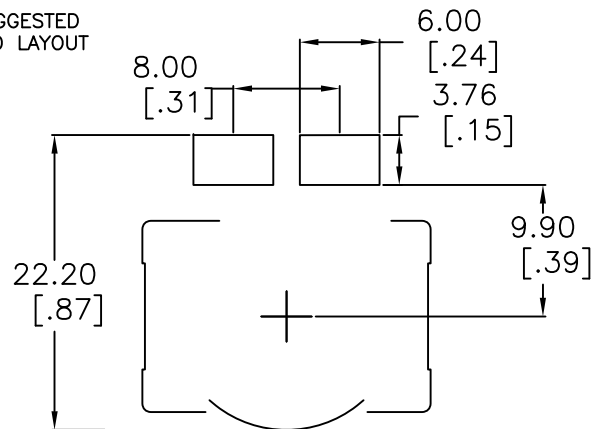
A



B

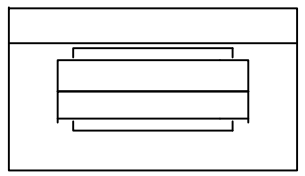


SUGGESTED PAD LAYOUT



C

D

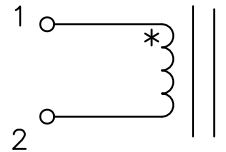


E

F

INDUCTANCE [1-2] = 2.0uH Nom, 1.80 Min. @100kHz 1.0V 40Adc
 INDUCTANCE [1-2] = 1.65 uH Min @100kHz 1.0V 45Adc
 DCR [1-2] = 1.00 mohms Nom, 1.25 Max
 DIELECTRIC ISOLATION > 500 VDC [1-2] : CORE
 SATURATION CURRENT @25C = 45.0Adc | @85C = 42.0Adc
 HEATING CURRENT FOR 40C RISE AT 25C AMBIENT = 45 Adc

Schematic



No.		DESCRIPTION		REVISIONS	DATE	APPR
THIRD ANGLE PROJECTION						
CHAMPS TECHNOLOGIES						
TOLERANCES +/- 1.0 UNLESS OTHERWISE INDICATED		SIGN	DATE	Champs No. PQI2050-2R0-HX		
.XXX ± 0.180	DRAWN	DK	3/5/15	Customer	INDUCTOR	ISSUE A
.XX ± 0.38	CHKD			Part #:		REV 00
.X ANGLE ± 1.5	APPR	HE		SIZE	SCALE 2:1	