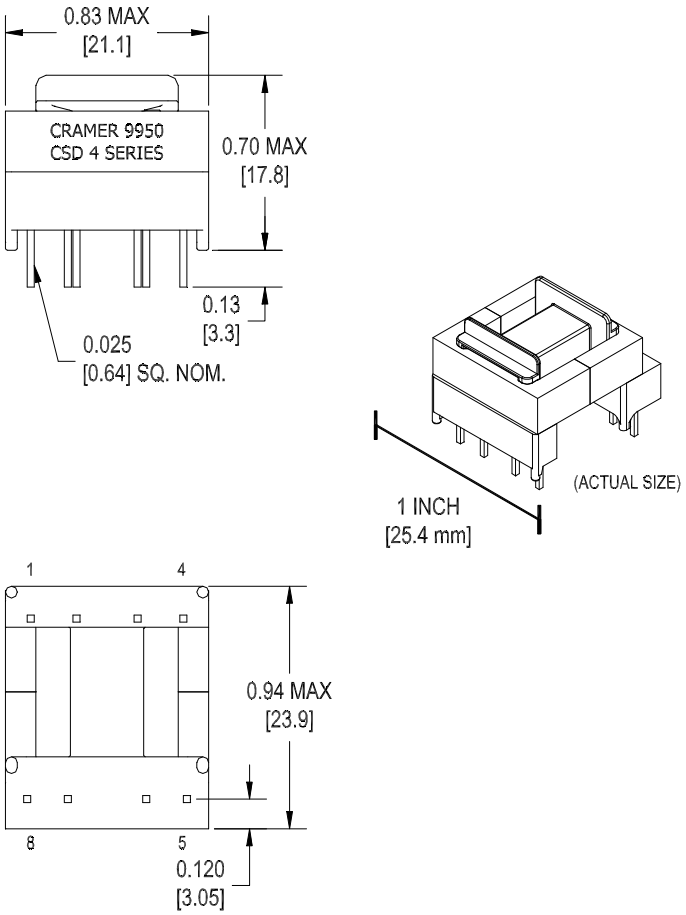
CSD 4



Notes:
Dimensions: inches [millimeters] (entire page)

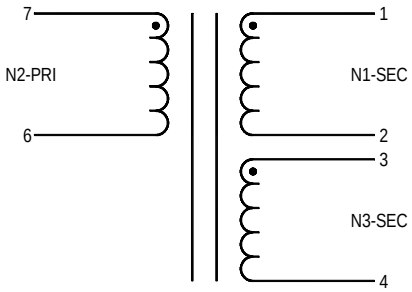
PLATFORM FEATURES

- Efficient, Economical
- Frequencies up to 500kHz
- Industry Standard Footprint
- 3,750 VRMS Isolation
- VDE, IEC, UL, CSA Compatible
- UL Class 130(B) Insulation(1)
- Custom Versions Available

Samples Available on Request

techsales@cramercoil.com
(262) 268-2150 (Inside Sales)
(262) 268-4100 (FAX)

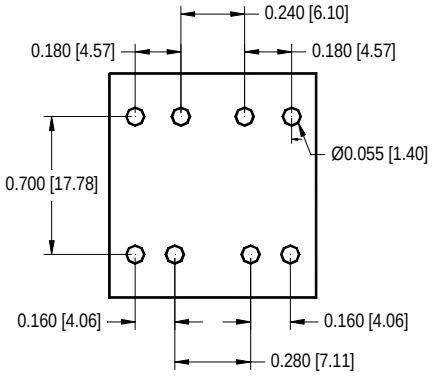
WINDING SCHEMATIC



CSD 4 - Series

Part Number:	4-050	4-100	4-150	4-200
Turns Ratio	2:1:1	1:1:1	1:1.5:1.5	1:2:2
L (mH)	1.00	1.00	1.00	1.00
LL (µH)	4.00	4.00	4.00	4.00
CC (pF)	40	40	40	40
CC (pF)	40	40	40	40
Rp (ohms)	0.30	0.30	0.30	0.30
Rs (ohms)	0.28	0.54	0.83	1.09
Rs (ohms)	0.33	0.67	1.06	1.40
Ipri (A max.)	1.25	1.25	1.25	1.25
Isec	0.75	0.75	0.75	0.75
Isec	0.75	0.75	0.75	0.75
ET Const. (Vµs)	280	280	280	280
KP(3)(4)	880	880	880	880
Hipot	3,750	3,750	3,750	3,750

SUGGESTED PCB LAYOUT(2)



Note:
Unless otherwise specified, tolerances are
x.xxx = 0.003 [0.08]

(1) System designation C5; File #E110339.
(2) Final responsibility for the correct PCB layout resides with the user.
(3) To avoid saturating the transformer the peak AC fluk (Bpk) must be below 0.32T.
(4) Calculate Bpk using Bpk = Et / Kp • Kd. Where Et = Vpk • (D/F) • 10^3. Et = Volt Microseconds, Vpk = Peak Voltage, D = Duty Cycle (decimal), F = Frequency (kHz), Kd = 1 for Unipolar and 2 for Bipolar, Kp = from table.