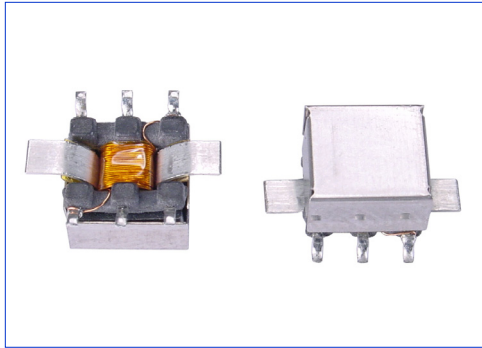


CURRENT SENSOR



P4100E5 SERIES



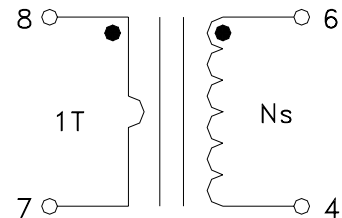
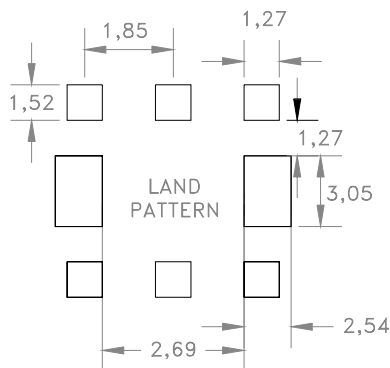
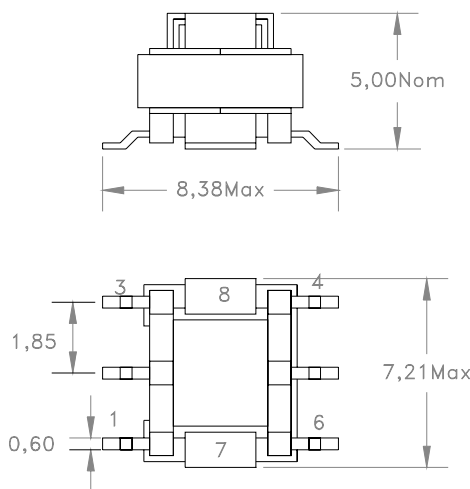
- RoHS Compliant Product
- Operating Temperature: -40°C to +85°C
- Peak Current Sensing: 10A and 40% Duty Cycle
- Hipot: 500V_{RMS} Min
- Operating Frequency: 50KHz to 1MHz
- Inductance tested at 15.75KHz 0.1 V_{RMS}

ELECTRICAL SPECIFICATION @ 25°C

Part number	OCL (Ns)	Turns	DCR (8-7)	DCR (Ns)	Current
P4100E5-	(mH Min)	(±2% Max)	(mΩ Max)	(Ω Max)	A
20	0.08	1:20	6	0.55	10
30	0.18	1:30	6	0.87	10
40	0.32	1:40	6	1.14	10
50	0.50	1:50	6	1.50	10
60	0.72	1:60	6	1.75	10
70	0.98	1:70	6	4.75	10
100	2.00	1:100	6	5.50	10
125	3.00	1:125	6	6.50	10

Mechanical

Schematic



Dimensions

Unless otherwise specified, all tolerances are:

inch: .XX : ± 0.015 .XXX : ± 0.004

mm: X,X : ± 0,38 X,XX : ± 0,10

Product performance is limited to specified parameter. Data is subject to change without prior notice.

P4100E5-XX
05463W

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