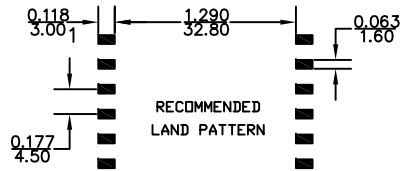
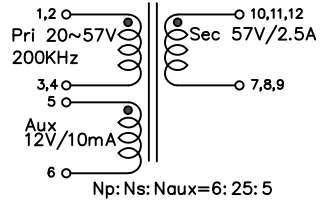


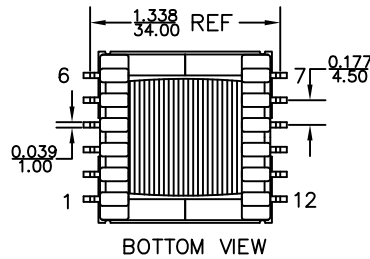
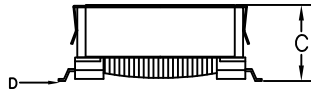
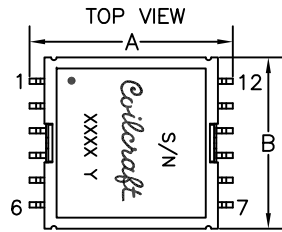
MECHANICAL SPECIFICATIONS

DIMENSIONS(MM)	MIN	MAX
A: WIDTH		38.30
B: LENGTH		31.90
C: HEIGHT		13.90
D: COPLANARITY		0.10

Schematic



- ***pins 1,2 connected on PCB
- ***pins 3,4 connected on PCB
- ***pins 7,8,9 connected on PCB
- ***pins 10,11,12 connected on PCB



PRODUCT DESCRIPTION

EFD30 12 PINS SMD IN: 20~57V, OUT: 57V/2.5A, AUX: 12V/10mA, 200kHz, Active Clamp Forward, LM5026

Coilcraft Cary, IL 60013

Coil Design Data

FORM-CW027 Rev K

Customer	
Ruby	
Customer P/N	Rev.
AE2214-BE	
CCI Sample#/ID#	
AE2214-BE	
EWO	Date

Engineer	
Sary	
Layers	
CDD, Production Process Flow, QAI-ELR, Logo	
APPROVAL	DATE
Eng.Mgr.	

REVISION RECORD

ECN#	DESCRIPTION

PACKAGING T&R TRAY
16 PCS. PER FULL REEL/TRAY 7" REEL 13" REEL

ELECTRICAL SPECIFICATIONS

ALL ELECTRICAL SPECIFICATIONS @ 25°C

INDUCTANCE(uH) (CSC)	
200 KHz, 0.1 VRMS, 0 ADC	
PINS	MIN MAX
N1,2-3,4	75.0±30%

TURNS RATIO	
Apply 1.0 Vrms, 20KHz to pins 10,11,12-7,8,9	
MEASURE PINS:	MIN MAX
N1,2-3,4	0.240±3%
N5-6	0.200±3%

HI POT (VRMS, to be applied for 60 seconds;3mA)		
VOLTAGE:	FROM PINS (SHORTED)	TO PINS (SHORTED)
1500Vac	1,2,3,4,5,6	7,8,9,10 11,12
500Vac	1,2,3,4	5,6
500Vac	ALL PINS	CORE

DC RESISTANCE (OHMS)		
PINS	MIN	MAX
N1,2-3,4		0.0087
N10,11,12-7,8,9		0.067
N5-6		0.098

LEAKAGE INDUCTANCE(uH)		
200 KHz, 0.1 VRMS		
TEST PINS	SHORT PINS	MAX
N1,2-3,4	ALL OTHER PINS	0.3



WARNING! THIS DRAWING, AND ALL INFORMATION CONTAINED WITHIN, IS PROPRIETARY TO COILCRAFT AND SHOULD NOT BE DIVULGED WITHOUT PRIOR ENGINEERING CONSENT