



EFD20 Flyback Transformer DC Transformer

characteristics:

- Easy design-in solution
- Less external components needed
- Small board space
- Low cost
- No optocoupler needed
- Long term reliability voltage control
- No aging
- Same external parts for different output voltages
- Easy design of custom power supply due to standard circuit and change of transformers and two components for feedback loop

options:

- Packaging: Bulk is Standard
- Tolerance: 25% is Standard

common Applications:

- Isolated power design
- Sensor interfaces
- Isolated telecom converters
- Power over Ethernet

Physical Propertie

Order Code	V _{IN}	V _{Out1} (V)	I _{Out1} (A)	V _{Out2} (V)	I _{Out2} (A)	V _{Out3} (V)	I _{Out3} (A)	V _{Out4} (V)	I _{Out4} (A)	V _{aux} (V)	L (μH)	n	I _{SAT} (A)	L _S (μH)	V _T (V(AC))
INF-EFD20-4.5μH	9 - 36 V (DC)	12	3	-	-	-	-	-	-	12	4.5	1:1.16:1.16	14	0.15	1875
INF-EFD20-14μH	18 - 100 V (DC)	12	2.5	-	-	-	-	-	-	12	14	2.5:1:1	11.5	0.21	4000
INF-EFD20-15μH	18 - 60 V (DC)	13	2.3	-	-	-	-	-	-	14	15	1.25:1:1.1	6.75	0.2	1500
INF-EFD20-6μH	20 - 48 V (DC)	5	6	-	-	-	-	-	-	10	6	3:1:2	9.5	0.3	1500
INF-EFD20-8.3μH	20 - 48 V (DC)	12	2.5	-	-	-	-	-	-	10	8.3	2:1:0.8	9	0.3	1500
INF-EFD20-8μH	20 - 48 V (DC)	15	2	-	-	-	-	-	-	10	8	1.5:1:0.67	12	1	1500
INF-EFD20-8μH	20 - 48 V (DC)	24	1.3	-	-	-	-	-	-	10	8	1:1:0.42	9.5	0.4	1500
INF-EFD20-15μH	30 - 75 V (DC)	5	6	-	-	-	-	-	-	10	15	3.5:1:2	9.5	0.55	1500
INF-EFD20-14μH	30 - 75 V (DC)	12	2.5	-	-	-	-	-	-	10	14	2.5:1:0.83	9.5	0.5	1500
INF-EFD20-12μH	30 - 75 V (DC)	15	2	-	-	-	-	-	-	10	12	2:1:0.67	11	0.4	1500
INF-EFD20-12μH	30 - 75 V (DC)	24	1.3	-	-	-	-	-	-	10	12	1.5:1:0.5	9	1	1500

Technical Specifications

