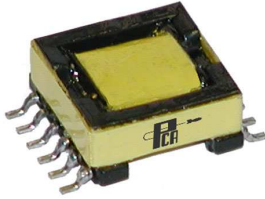


EPC3028G-EPC3029G



Features of the EFD20-6 Series

- Selected models can be used in SMPS Forward, Push-Pull or Half & Full Bridge Topology
- UL1446 Class B Insulating System
- UL 94V-0 Recognized Material
- Very Low Core Loss Materials
- Very Low Leakage Inductance

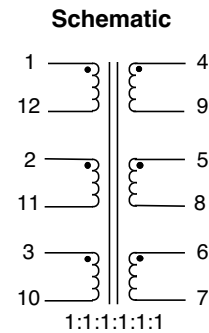
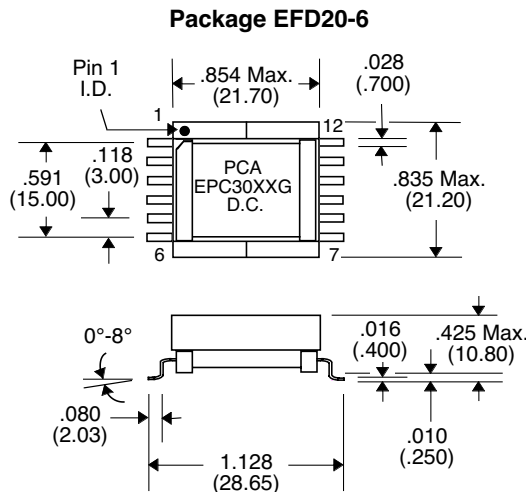
Primary Specification

Part Number	Connection	DCR (Ω Max.)	I _{rms} (Amps)	Inductance (μH ± 25%) @ 0 Adc	V _{t 1} (V-μSec. Max.)	Temp. Rise @ I _{rms} (°C Typ.)
EPC3028G	Series	.071 xNs	6.1 /Ks	173 x(Ns) 2	98 xNs	39
	Parallel	.071 /Np	6.1 /Kp	173	98	39
	Single Wdg	.071	2.5	173	98	39
EPC3029G	Series	.047xNs	7.5 /Ks	76.8 x(Ns) 2	65.3 xNs	39
	Parallel	.047 /Np	7.5 /Kp	76.8	65.3	39
	Single Wdg	.047	3.06	76.8	65.3	39

• Switching Frequency : Up to 1 MHz • Isolation : 500 Vrms •

Notes :

1. Ns = Number of series connections
2. Np = Number of parallel connections
3. Ks = Ns x √6/Ns
4. Kp = √6/Np



Unless Otherwise Specified Dimensions are in Inches /mm ± .010 /.25