

- PoE transformer .
- Operates in condition mode with 38V-60V input.
- Switching frequency to 300KHz.
- Class B Insulation System .
- Terminations RoHS tin-silver-copper over tin over nickel over phos bronze. Other terminations available at additional cost.
- Operating Temperature -40°C to +85°C. (including coil temperature rise due to self-generated heat).
- Storage Temperature -40°C to +125°C.

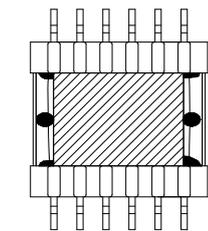
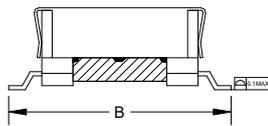
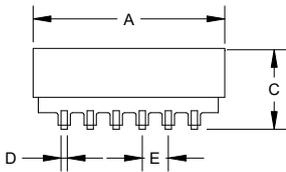
SIZE: EFD20 6+6



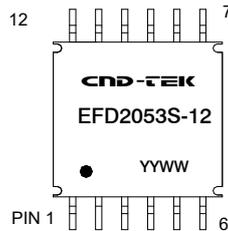
(LinkPower ) Part number	Inductance ±10% (μH)	Leakage Inductance max(μH)	DCR Max(m Ohms)				Turns ratio 1,2-3,4:4-5:8,9-1 1,12:7-10	Isolation (Vrms)1mA/6Sec Pri-Sec
			1,2-3,4	5-6	7-10	8,9-11,12		
EFD2053S-12	100	0.9	52	350	140	26	1:0.625:0.625:0.25	1650

\* Packing :this mark is used generally unless specified customer.

1. All data is referenced to 25°C ambient.
2. Inductance is for primary measured at 50kHz/0A bias current/0.1 Vrms.
3. Leakage Inductance is for the primary, measured at 100KHz/0A bias current /1Vrms while all other windings shorted together.
4. Appearance dimensions(mm):



BOTTOM VIEW



TOP VIEW

A	23 Max
B	30 Max
C	12.5 Max
D	0.7±0.15
E	3.0±0.3

**Schematics:**

