

# Planar DC/DC Transformer

## ER/ER(Plate) 22

Core Size (LxHxW) :27.5x13x23 Unit : mm

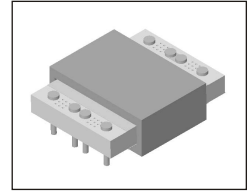
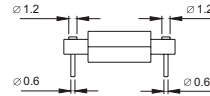
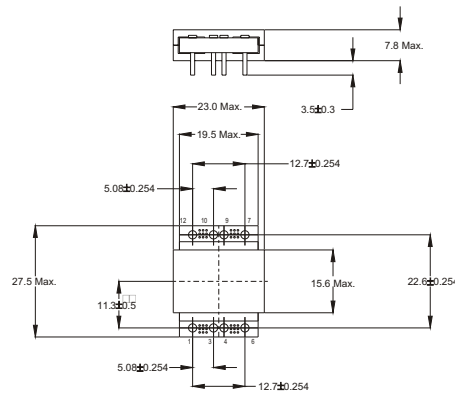
Power Capacity 50 to 150 W

Frequency Range :100K~300KHz

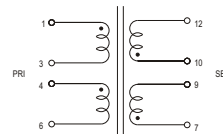
### Features

- This planar x'fmr is suitable for forward DC/DC converter with resonance reset.

**Mechanical Dimension :**  
Unit :mm



2. SCHEMATIC :



### Electrical Characteristics:

TRANSFORMER								
PART NO.	INDUCTANCE		OPERATING FREQUENCY	TURN RATIO (1-3) : (4-6) : (10-12) : (7-9)	DIELECTRIC STRENGTH		AMBIENT TEMPERATURE	WEIGHT
	L (1-3)	L (4-6)			PRI TO SEC	SEC TO CORE		
PLT2215-001	9.0uH Min.	144.0uH Min.	250KHz	2 : 8 : 2 : 2	2000Vdc	2000Vdc	+10°C to +70°C	13.5gr

## EQ/EQ(Plate) 25

Core Size (LxHxW) :30.5x13x26 Unit : mm

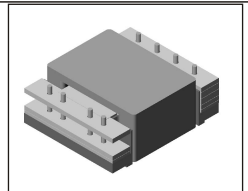
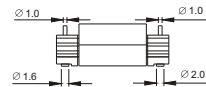
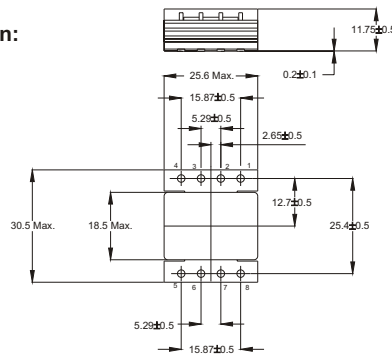
Power Capacity 50 to 360 W

Frequency Range :100K~500KHz

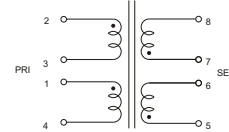
### Features

- This planar x'fmr is suitable for forward converter's transformer and for use on Linear Technology's LT1950.

**Mechanical Dimension:**  
Unit: mm



2. SCHEMATIC :



### Electrical Characteristics:

TRANSFORMER								
PART NO.	INDUCTANCE		OPERATING FREQUENCY	TURN RATIO (2-3) : (1-4) : (7-8) : (5-6)	DIELECTRIC STRENGTH		AMBIENT TEMPERATURE	WEIGHT
	L(2-3)				PRI TO SEC			
PLT2518-001	97.0uH Min		350KHz	5 : 2 : 6 : 6	2250Vdc		+10°C to +70°C	23.5gr



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