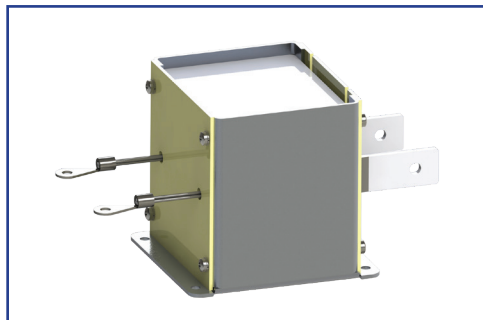


DUAL ACTIVE BRIDGE (DAB) PSFB TRANSFORMER



E6528



- Ideally suited for Dual Active Bridge (DAB) or Phase Shifted Full Bridge Transformer applications
- High efficiency and cost effective design and construction
- Operating Temperature -40°C to +125°C
- Suggested Cooling: Heat Sink or 120LFM Force Air
- RoHS Compliant Product
- Custom Design Available

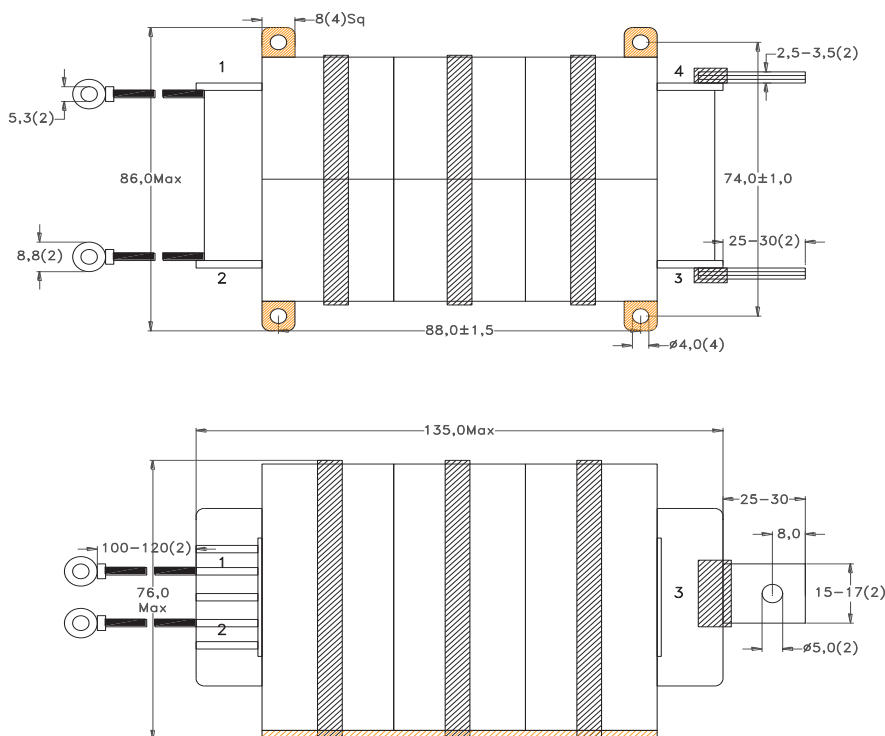
ELECTRICAL PARAMETERS @ 25°C

Part Number	Input V_{DC}	Output V_{DC}	Output A_{DC} Max	Switching Frequency KHz	Output Power Watts Max	Lp (1-2) mH Min	L _L (1-2) μ H Max	DCR (1-2) m Ω Max	DCR (3-4) m Ω Max	Turns Ratio (1-2 : 4-3) \pm 3%
E6528	430 - 530	33 - 56	250	100	10000	1.80	14.0	15.0	0.50	9 : 1

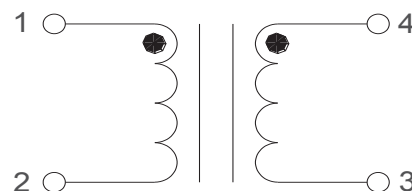
Note:

1. Lp: Measured @ 10KHz, 0.1V_{RMS}
2. L_L: Measured @ 100KHz, 0.1V_{RMS} (With 3-4 shorted)
3. Polarity: 1 and 4 are in phase
4. Hipot (1-2 to 3-4): 2KV_{RMS}, 1mA, 10S
5. Hipot (wdgs to core): 2KV_{RMS}, 1mA, 10S

DIMENSIONS (mm)



SCHEMATIC



Revised 1/15/2019

Product performance is limited to specified parameters. Data is subject to change without prior notice.

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