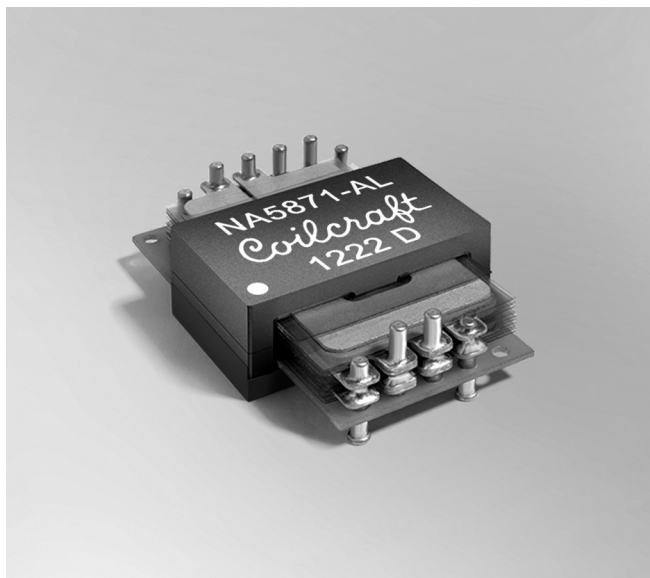


NEW!

800 W Planar Transformer

For TI UCC28950
Controller



- Designed for Texas Instruments PMP6712 Dual-Channel Full-Bridge Converter for PoE Power Sourcing (PSE)
- 38 – 60 V input; 54 V, 15 A output
- 1500 Vrms, one minute isolation from primary to secondary windings
- Listed as T2 and T4 on Texas Instruments BOM-PMP6712
- Insulated bottom surface

Core material Ferrite

Terminations Matte tin over nickel over brass.

Weight 56 g

Ambient temperature –40°C to +125°C

Storage temperature Component: –40°C to +125°C.

Tray packaging: –40°C to +80°C

Maximum part temperature +165°C (Ambient + temperature rise)

Resistance to soldering heat Max three 40 second reflows at +260°C, parts cooled to room temperature between cycles

Moisture Sensitivity Level (MSL) 1 (unlimited floor life at <30°C / 85% relative humidity)

Failures in Time (FIT) / Mean Time Between Failures (MTBF)

38 per billion hours / 26,315,789 hours, calculated per Telcordia SR-332

Packaging 20 per tray

PCB washing Tested to MIL-STD-202 Method 215 plus an additional aqueous wash. See [Doc787_PCB_Washing.pdf](#).

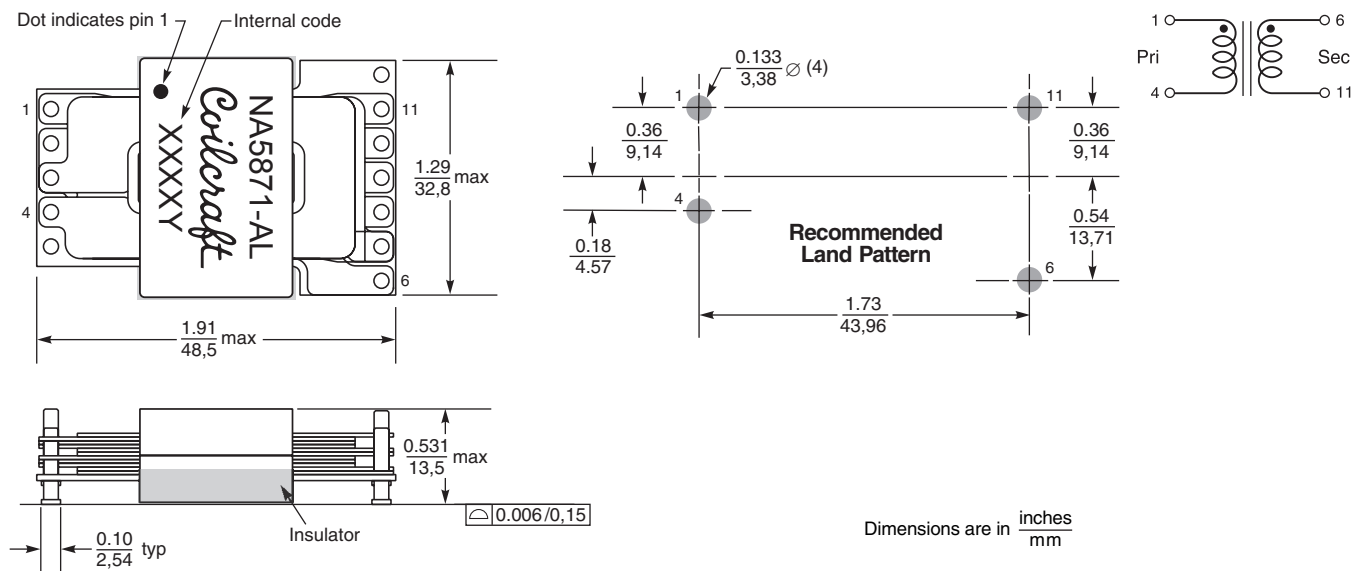
Part number	Inductance at 0A ¹ min (μH)	DCR max (mOhms)		Leakage inductance max (μH)	Turns pri : sec	Output
		pri	sec			
NA5871-AL	42	1.37	4.4	0.20	3 : 5	54 V, 15 A

1. Inductance is measured at 100 kHz, 0.1 Vrms, 0 Adc.

2. Leakage inductance is for the primary, measured with the secondary shorted

3. Electrical specifications at 25°C.

Refer to Doc 362 "Soldering Surface Mount Components" before soldering.



www.coilcraft.com

US +1-847-639-6400 sales@coilcraft.com
 UK +44-1236-730595 sales@coilcraft-europe.com
 Taiwan +886-2-2264 3646 sales@coilcraft.com.tw
 China +86-21-6218 8074 sales@coilcraft.com.cn
 Singapore + 65-6484 8412 sales@coilcraft.com.sg

Document 1241 Revised 12/06/14

© Coilcraft Inc. 2015

This product may not be used in medical or high risk applications without prior Coilcraft approval. Specification subject to change without notice. Please check web site for latest information.