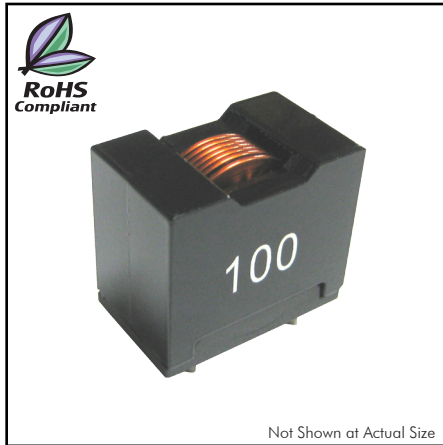


CTVFW2724F Series

From 3.3μH to 33μH



CHARACTERISTICS

Description: High current (shielded) power inductors

Features:

- Sturdy structure
- High inductance, high current, low magnetic loss, low ESR, small parasitic capacitance
- Flat wire winding, achieve a low D.C. Resistance
- Temperature rise current and saturation current is less influenced by environment

Applications: Designed for high current power supply applications. Ideal for use in Class D applications

Operating Temperature: -40°C to 125°C (including temperature rise)

Inductance Tolerance: ±20%

Packaging: Tray packaging

Miscellaneous: RoHS Compliant.

Samples available. See website for ordering information.

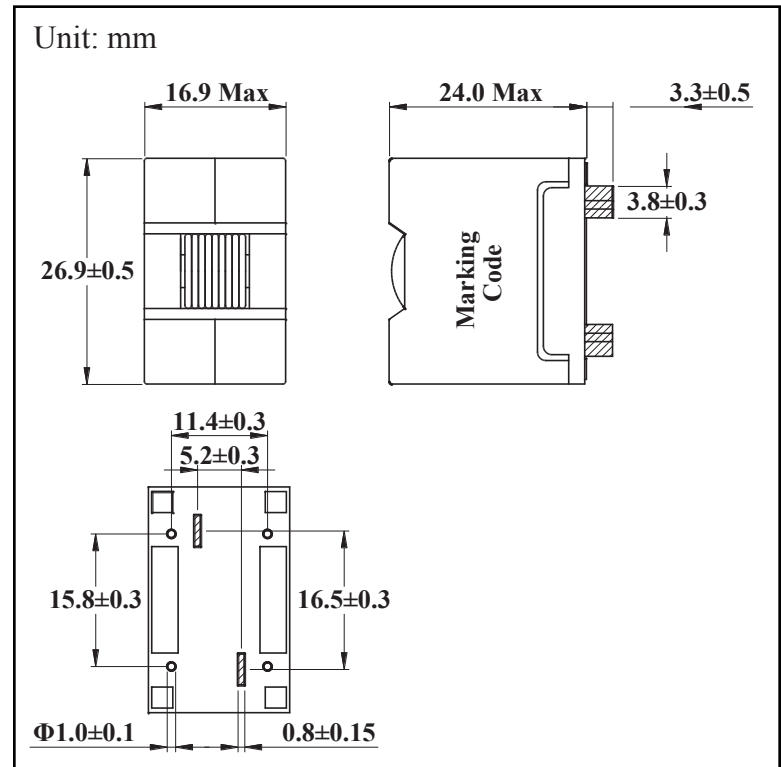
SPECIFICATIONS

*Isat: Value of inductance decrease within 30%

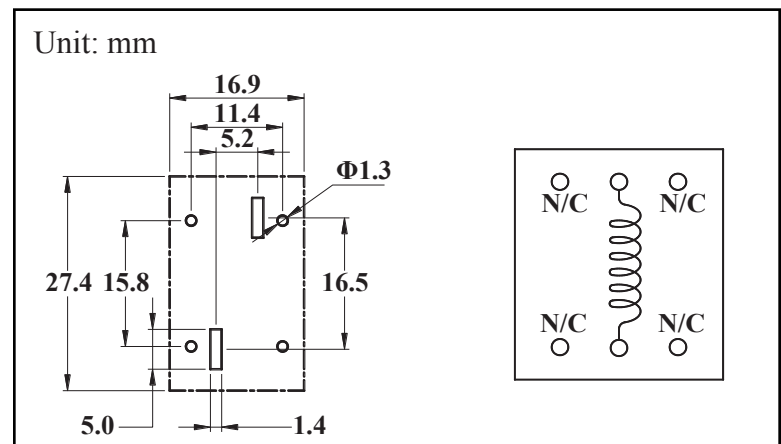
**Irms: A rise in temperature of core surface within 40°C

Part Number	Inductance ±20% (μH)	DCR Nom. (Max.) (mΩ)	*Isat Typ. (A)	**Irms Typ. (A)
CTVFW2724F-3R3M	3.3	2.3 (2.6)	104	26
CTVFW2724F-4R7M	4.7	2.3 (2.6)	69	26
CTVFW2724F-6R8M	6.8	2.3 (2.6)	53	26
CTVFW2724F-100M	10	2.3 (2.6)	34	26
CTVFW2724F-150M	15	2.3 (2.6)	23	26
CTVFW2724F-220M	22	2.3 (2.6)	14.7	26
CTVFW2724F-330M	33	2.3 (2.6)	9.2	26

PHYSICAL DIMENSIONS



RECOMMENDED PC BOARD LAYOUT & SCHEMATIC



SATURATION CURRENT VS. TEMPERATURE RISE CURRENT CURVE

