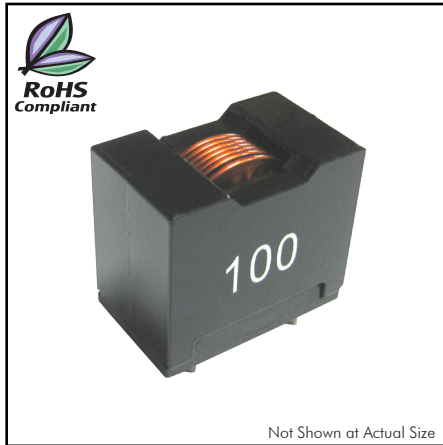


## CTVFW2724F Series

### From 3.3 $\mu$ H to 33 $\mu$ H



### 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:**  $\pm 20\%$

**Packaging:** Tray packaging

**Miscellaneous:** **RoHS Compliant.**

Samples available. See website for ordering information.

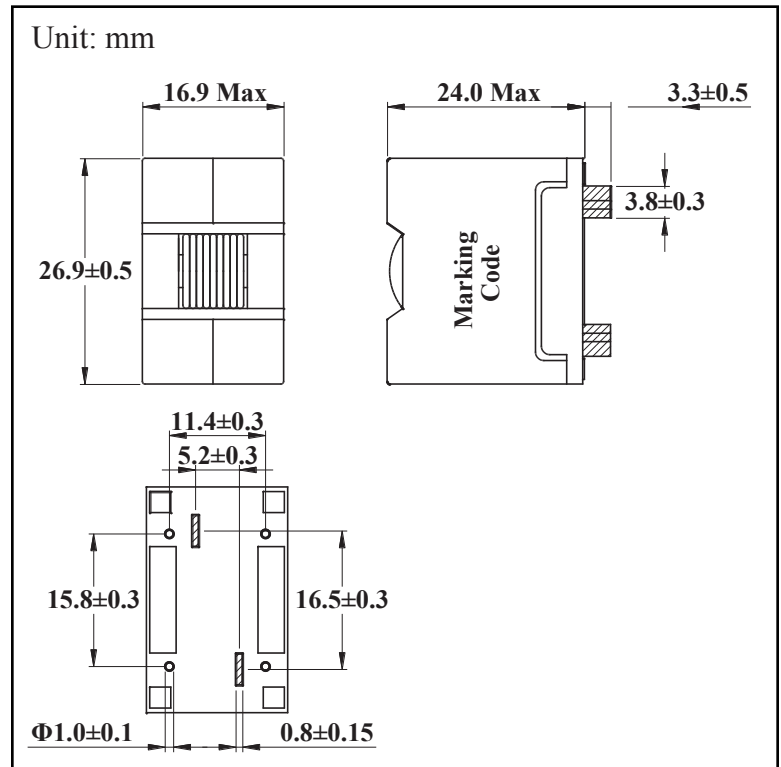
### SPECIFICATIONS

\*Isat: Value of inductance decrease within 30%

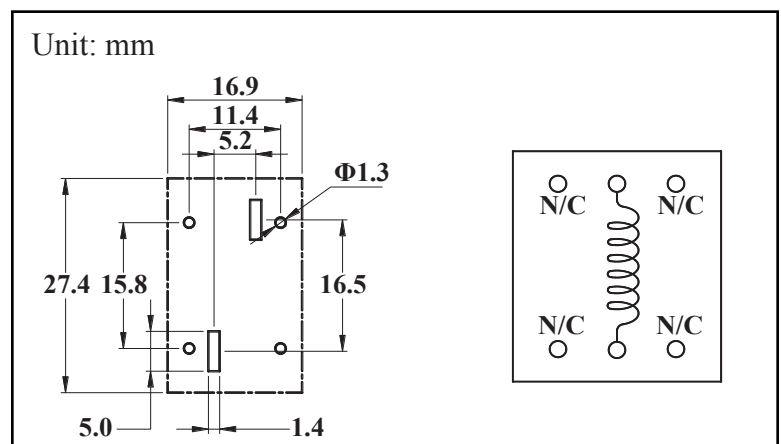
\*\*Irms: A rise in temperature of core surface within 40°C

Part Number	Inductance $\pm 20\%$ ( $\mu$ H)	DCR Nom. (Max.) (m $\Omega$ )	*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

