

High-Current Common Mode Choke

- EP17 platform
- Size: 22.6 x 19.0 x 15.5 mm
- Current Rated: 18A to 25A
- Dielectric Isolation: 1000Vdc
- EMI filtering for Automotive, Data communications, Computing & Industrial

Electrical Specification @25°C:

Model No.	Inductance ¹⁾ ($\mu\text{H} +50\%/-35\%$)	I _{rms} (A)	DCR (m Ω max)	Leakage Inductance ¹⁾ (μH Max)	Capacitance ²⁾ (pF Max)	Self Resonant Frequency (MHz Typ)	Impedance @SRF (Ω Typ)
UT34A81	90	25	1.3	1.5	15	2.1	300
UT34A82	160	22	1.7	2.0	20	1.9	500
UT34A83	250	18	2.7	2.6	25	1.6	750

1. Inductance & Leakage Inductance measured at 100kHz 0.1Vrms.

2. Capacitance measured at 100kHz 1Vrms.

3. Operating temperature range: -40°C to +125°C.

Notes: 1. For RoHS compliant products:

- Ordering code (Manufacturer Part Number): ex. TG-UT34A81
- Date Code suffix to "G".

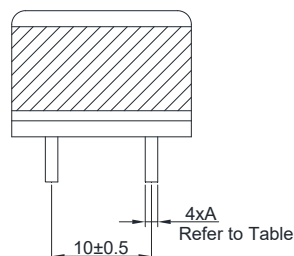
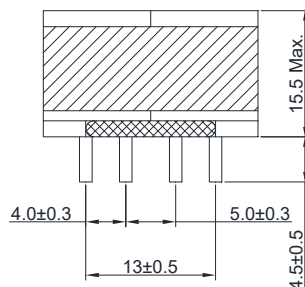
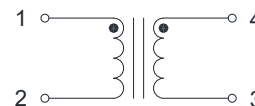
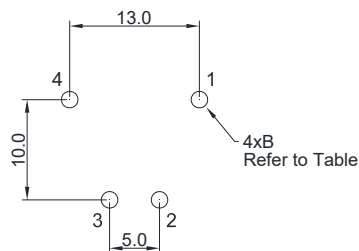
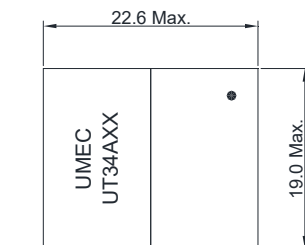
2. For RoHS and AEC-Q200 Compliant products (to be tested):

- Ordering code (Manufacturer Part Number): ex. TG-UT34A81-Q
- Date Code suffix to "GQ"

3. Solder: Sn/Cu



Mechanical & Schematic:



Model No.	A Dimension	B Dimension
UT34A81	$\varnothing 1.45 \pm 0.1$	$\varnothing 1.85$
UT34A82	$\varnothing 1.45 \pm 0.1$	$\varnothing 1.85$
UT34A83	$\varnothing 1.25 \pm 0.1$	$\varnothing 1.65$

Unit: mm

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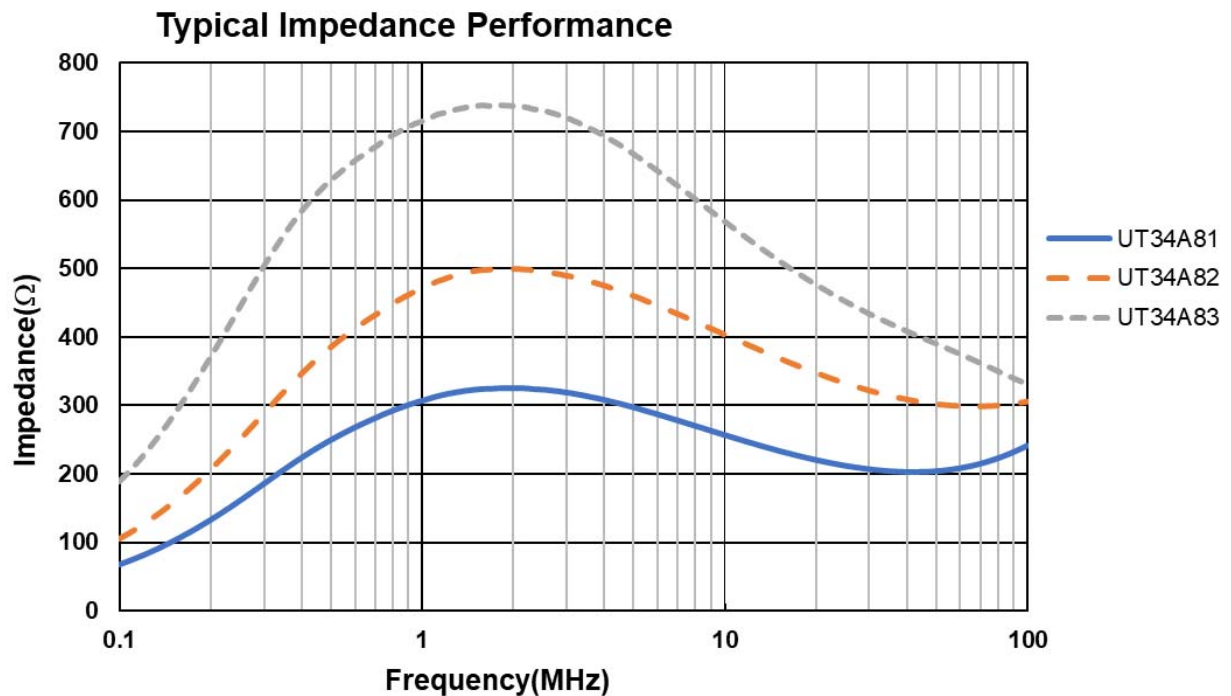
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High-Current Common Mode Choke

Impedance vs. Frequency



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