

High Current Through-Hole Power Inductor

- ER25 platform
- Size: 25.8 x 16.6 x 22.5 mm
- High current rated
- Low DC resistance
- Dielectric isolation coil to core: 350Vdc/2sec/5mA
- Automotive, DC/DC converters, noise suppression, Inverters

Electrical Specification @25°C:

Model No.	Inductance ¹⁾ ($\mu\text{H} \pm 20\%$)	DCR (m Ω max)	Heat Rating Current DC Typ. (A) ΔT 40°C	Saturation Current DC TYP. (A) Drop 20%	Self Resonant Frequency (MHz Typ)
UT30E53	2.2	1.15	35	75	38
UT30E54	3.3	1.15	35	60	30
UT30E55	4.7	1.15	35	50	25
UT30E56	6.8	1.15	35	35	20
UT30E57	8.2	1.15	35	30	18
UT30E58	10	1.15	35	25	16

1. Inductance measured at 100kHz 250mV.

2. Operating temperature range: -40°C to +150°C.

Notes: 1. For RoHS compliant products:

a.) Ordering code (Manufacturer Part Number): ex. **TG-UT30E53**

b.) Date Code suffix to "G".

2. For RoHS and AEC-Q200 Compliant products (Pending):

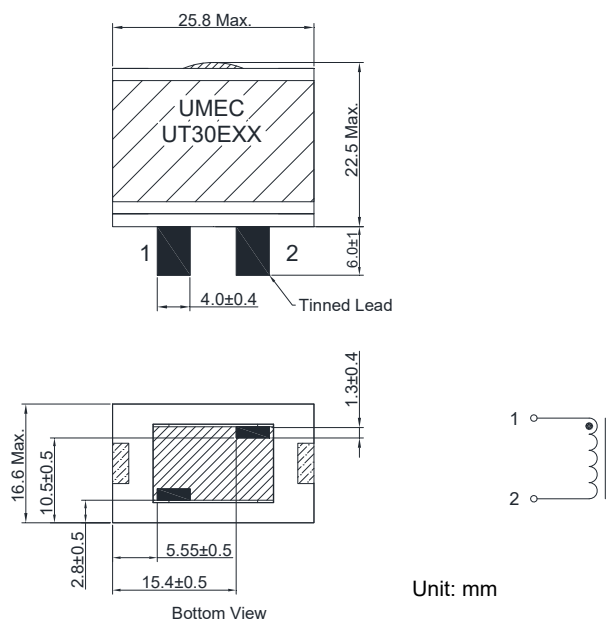
a.) Ordering code (Manufacturer Part Number): ex. **TG-UT30E53-Q**

b.) Date Code suffix to "GQ"

3. Solder: Sn/Cu



Mechanical & Schematic:



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