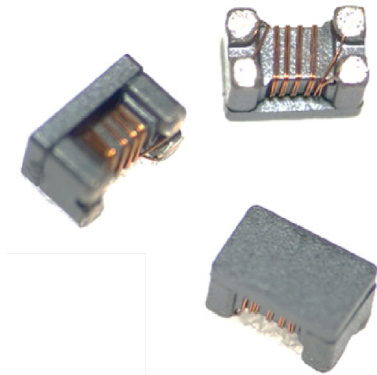


Common Mode Chokes For LAN Overview

Surface Mount Solutions



Features and Benefits:

- Ⓢ Excellent noise suppression
- Ⓢ High common mode impedance at high frequency
- Ⓢ Small 2012 (0805) size 2.0x1.2x1.2 mm
- Ⓢ Support PoE+ upto 1A
- Ⓢ High-quality product that uses auto winding
- Ⓢ Conforms to the RoHS directive
- Ⓢ Operating temperature range: -40 to +85°C

Electrical Specification @ 25 °C, Operating Temperature: -40 °C ~ +85 °C

Part Number ¹	Turns Ratio ±3%	Common Mode Impedance (Ω) Typ. at 100MHz	DC Resistance (Ω MAX)	Rated Voltage (Vdc) Max.	IR (Ω) Min.
PE-0805GCMC801STS	1:1	800	0.9	50	10M
PE-0805GCMC381STS	1:1	380	0.6	50	10M
PE-0805GCMC261STS	1:1	260	0.6	50	10M

General specification:

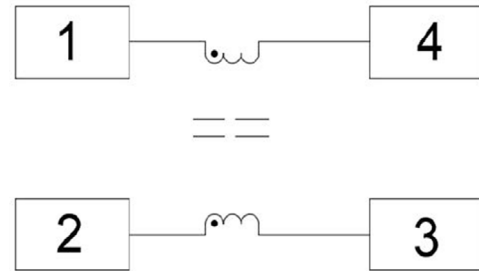
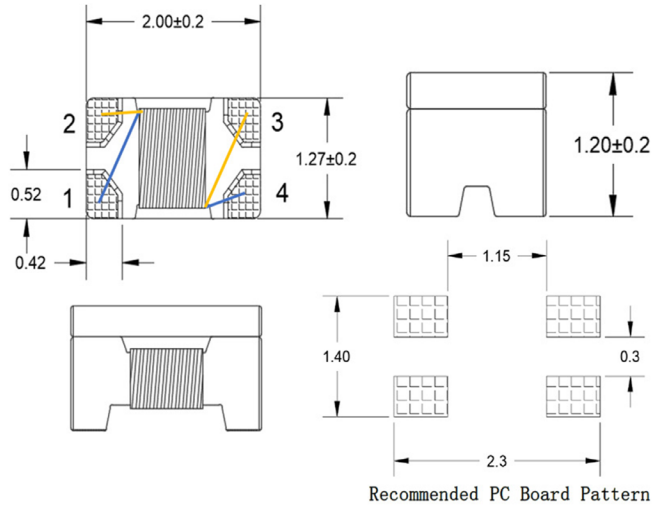
- Ferrite drum core construction
- Magnetically shielded
- Product weight: 0.015g (ref.)
- Moisture sensitivity Level 1
- Products comply with RoHS' requirements

Temperature Related Parameters:

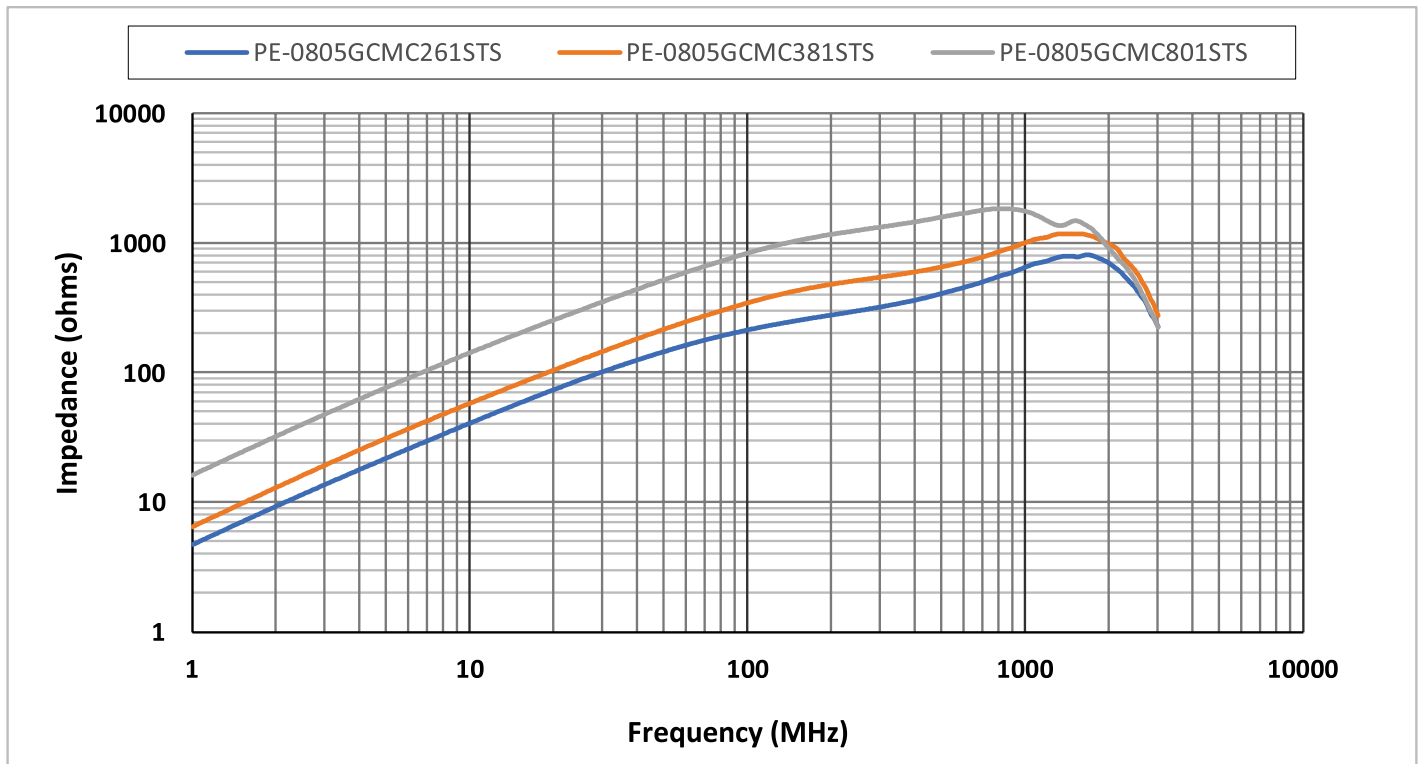
- Storage temp: -40°C to +125°C
- Operating temp: -40°C to +85°C (Temp. rise included)
- Resistance to solder heat: 260°C, 10 secs.

Mechanical

Schematic



Typical Impedance vs Frequency performance

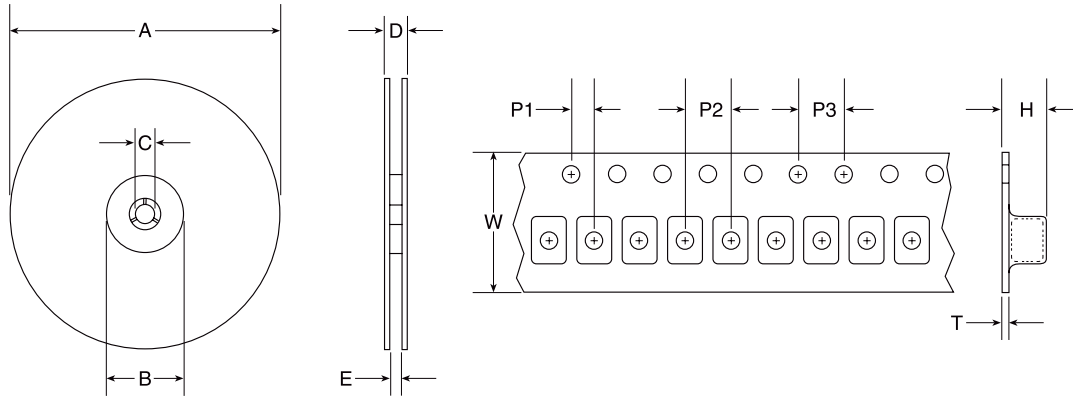


Common Mode Chokes For LAN Overview

Surface Mount Solutions

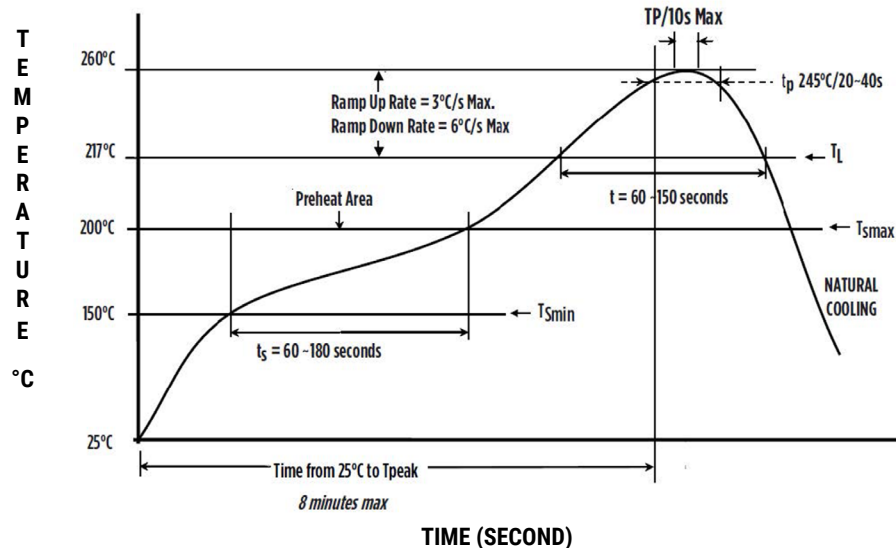
Tape and Reel Specifications

CARRIER TAPE - SEE TABLES BELOW



Series	Parts per Reel	Reel Dimensions (mm)					Tape Dimensions (mm)					
		A	B	C	D	E	W	P1	P2	P3	H	T
PE-0805GCMC	2000	178	60	13.5	11.5	9.0	8.0	2.0	4.0	4.0	1.5	0.25

Reflow Soldering Profile



For More Information:

Americas - prodinfinetworkamericas@yageo.com | Europe - prodinfinetworkemea@yageo.com | Asia - prodinfinetworkapac@yageo.com

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[IND-0110](#) [UAL21VR0802000](#) [UALSC023000000](#) [UALSC1020JH000](#) [UALSU10VD20010](#) [UALSU9VD070100](#) [36-00037](#)
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