

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

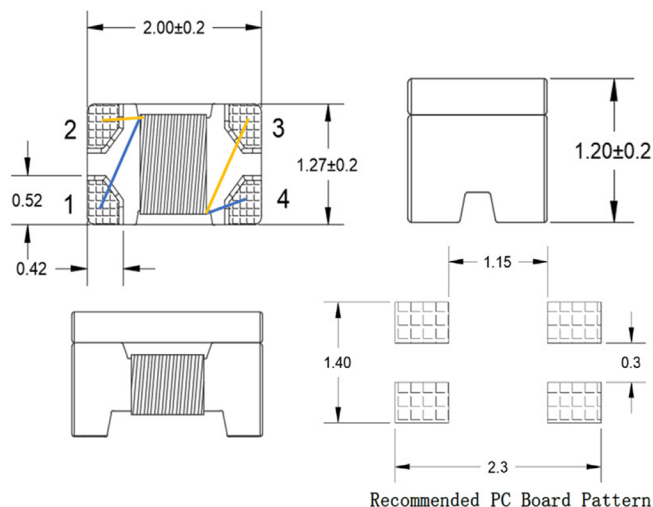
General specification:

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

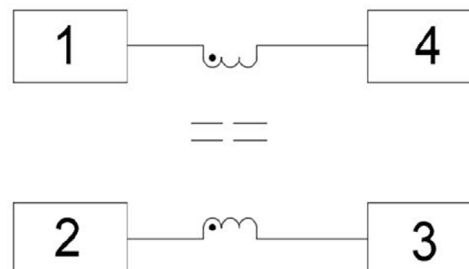
Temperature Related Parameters:

- 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.

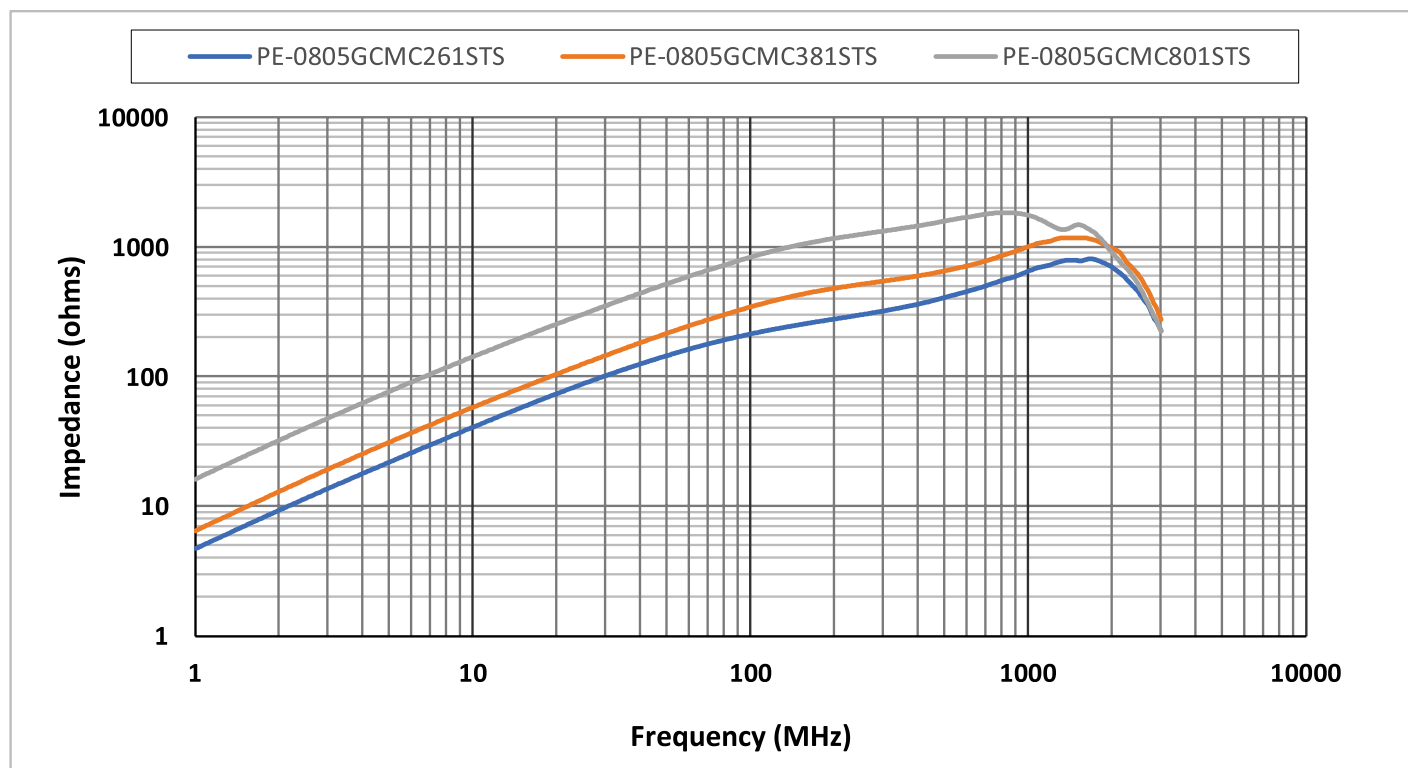
Mechanical



Schematic

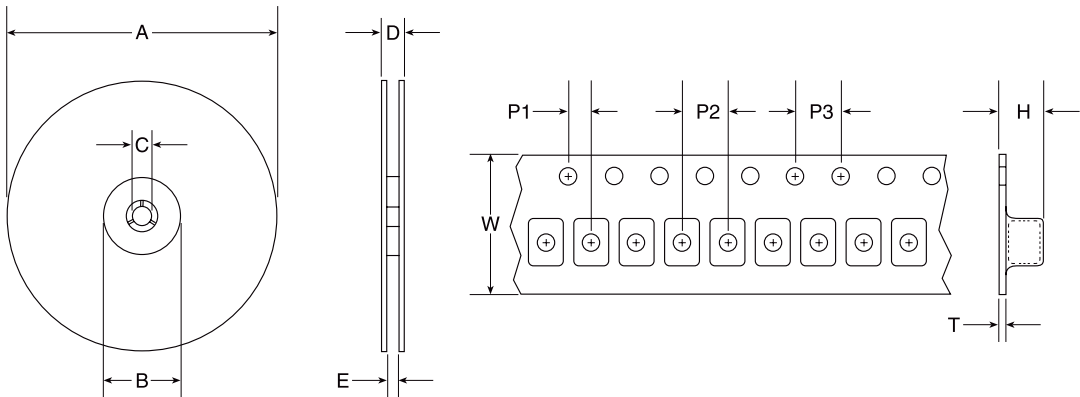


Typical Impedance vs Frequency performance



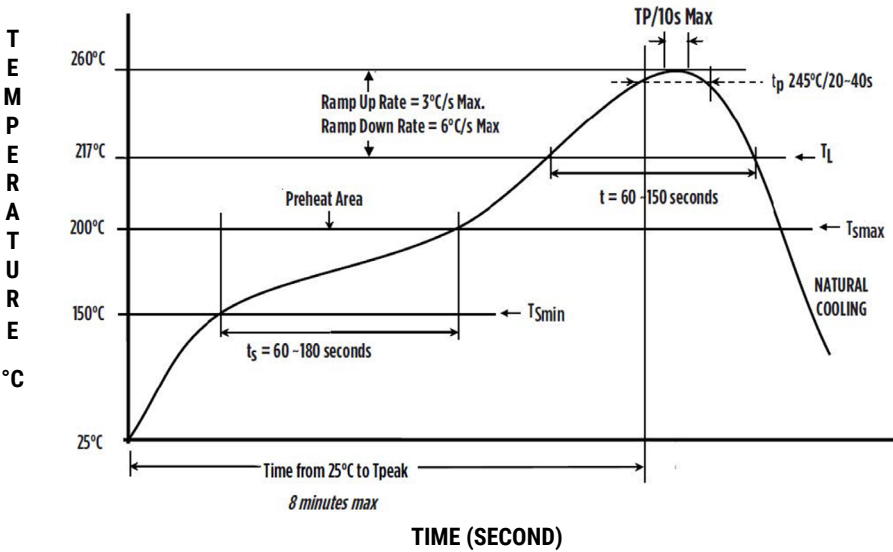
Tape and Reel Specifications

CARRIER TAPE - SEE TABLES BELOW



Reel Dimensions (mm)							Tape Dimensions (mm)					
Series	Parts per Reel	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 - prodinfonetworkamericas@yageo.com | Europe - prodinfonetworkemea@yageo.com | Asia - prodinfonetworkapac@yageo.com

Performance warranty of products offered on this data sheet is limited to the parameters specified. Data is subject to change without notice. Other brand and product names mentioned herein may be trademarks or registered trademarks of their respective owners. © Copyright, 2022. Pulse Electronics, Inc. All rights reserved.