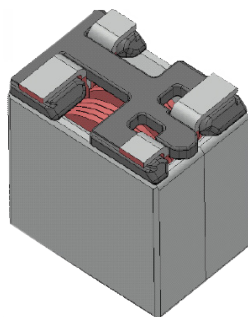


# SMT Common Mode Chokes

PGC6895NLT



- ER19 shaped core
- 19.8x13.6x20.5mm max
- Up to 25Arms rated current
- Designed for DC/DC converters
- 500Vrms Electrical Isolation  
(80Vrms continuous)



## Electrical Specifications @ 25°C - Operating Temperature -40°C to +125°C

| Part Number | Inductance<br>(1-2)        | I <sub>rated</sub> | DCR (Typ)     | DCR (max)<br>(1-2)/ (3-4) | Hipot (1,2 - 3,4) | Impedance at SRF |
|-------------|----------------------------|--------------------|---------------|---------------------------|-------------------|------------------|
|             | ( $\mu\text{H} \pm 45\%$ ) | A                  | (m $\Omega$ ) | (m $\Omega$ )             | (Vdc)             | (k $\Omega$ TYP) |
| PGC6895NLT  | 225                        | 25                 | 1.9           | 2.5                       | 600               | 1.4              |

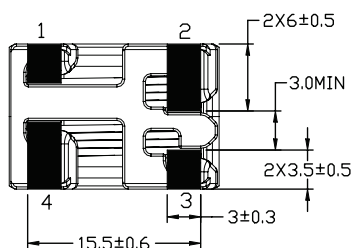
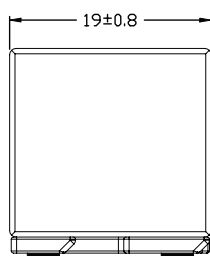
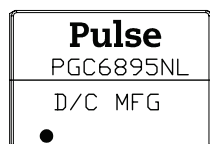
### NOTE:

- Solderability: conforms to ANSI/J-STD-002, IPC/EIA J-STD-003A.
- The temperature of the component (ambient plus temperature rise) must be within the stated operating temperature range.
- Storage temperature: -40°C to +85°C.
- Pulse complies to industry standard tape and reel specification EIA481.

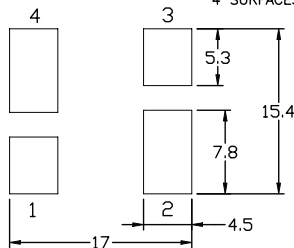
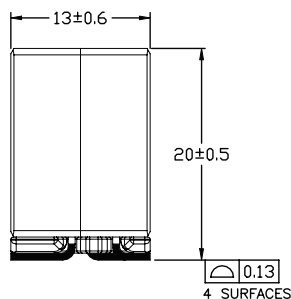
## Mechanical

## Schematic

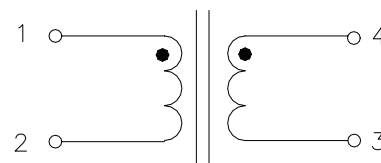
PGC6895NLT



FINAL OUTLINE



SUGGESTED LAND PATTERN



SCHEMATIC

Weight ..... 20.7grams

Tape & Reel ..... 60/reel

Dimensions: mm

Unless otherwise specified, all tolerances are

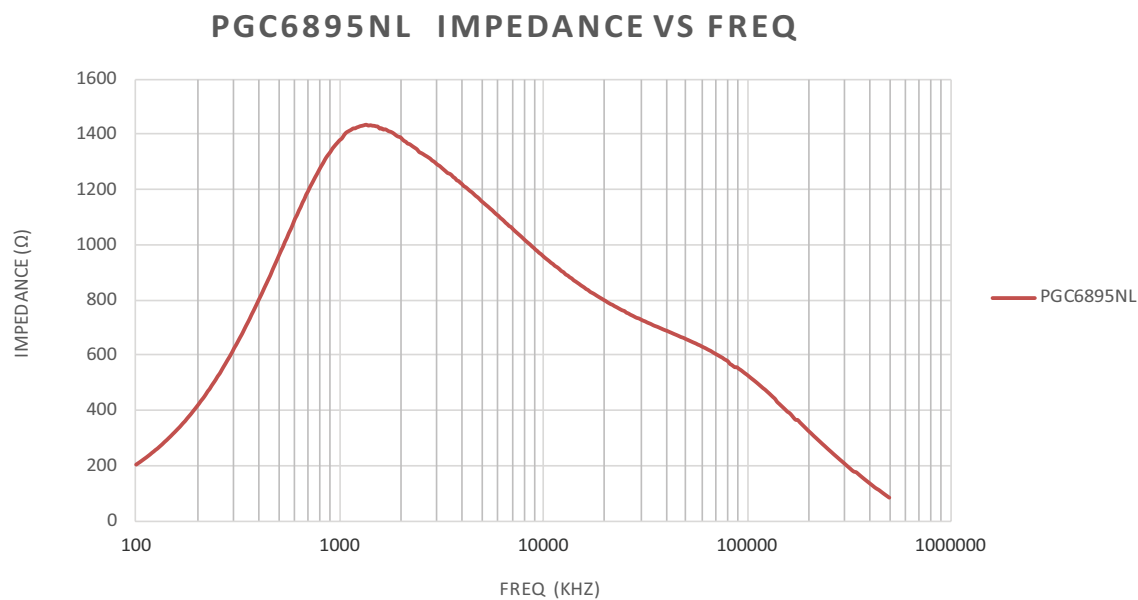
.x =  $\pm 0.25$

.xx =  $\pm 0.13$

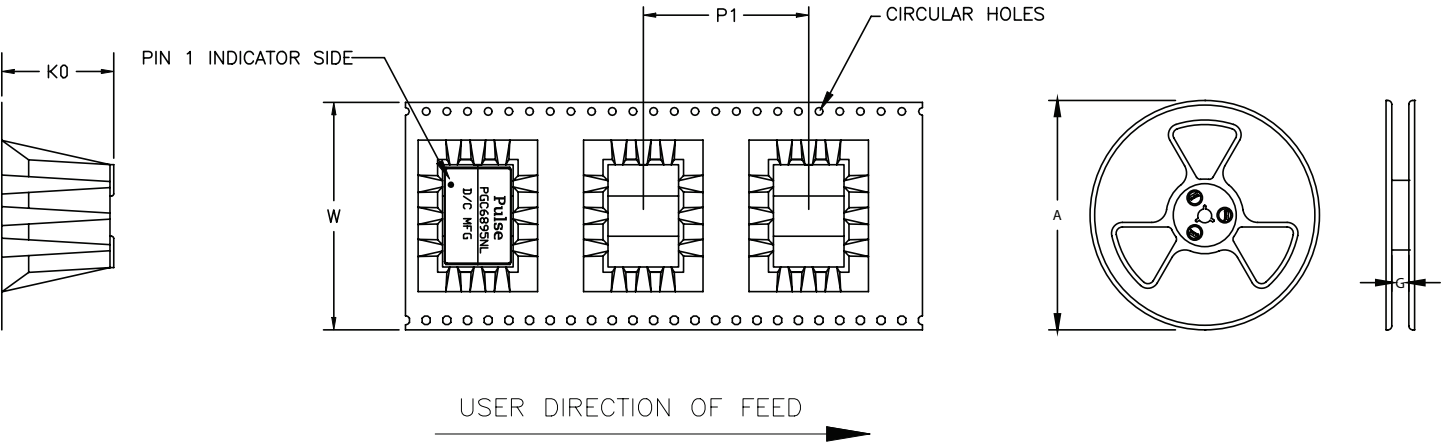
# SMT Common Mode Chokes

PGC6895NLT

## Impedance vs Frequency



## TAPE & REEL INFO



| SURFACE MOUNTING TYPE, REEL/TAPE LIST |                |                |    |                |          |
|---------------------------------------|----------------|----------------|----|----------------|----------|
| PART NUMBER                           | REEL SIZE (mm) | TAPE SIZE (mm) |    |                | QTY      |
|                                       | A              | P <sub>1</sub> | W  | K <sub>0</sub> | PCS/REEL |
| PGC6895NLT                            | 330            | 32             | 44 | 21.3           | 60       |

## For More Information:

Americas - [prodinfo\\_power\\_americas@yageo.com](mailto:prodinfo_power_americas@yageo.com) | Europe - [prodinfo\\_power\\_emea@yageo.com](mailto:prodinfo_power_emea@yageo.com) | Asia - [prodinfo\\_power\\_asia@yageo.com](mailto:prodinfo_power_asia@yageo.com)

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