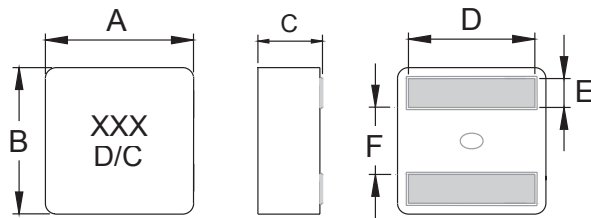


# SMT Power Inductors

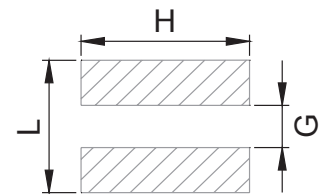
High Current Composite Inductor - PA5003.XXXNLT and PM2203.XXXNLT

## Mechanical

### PA5003.XXXNLT and PM2203.XXXNLT



FINAL LAYOUT

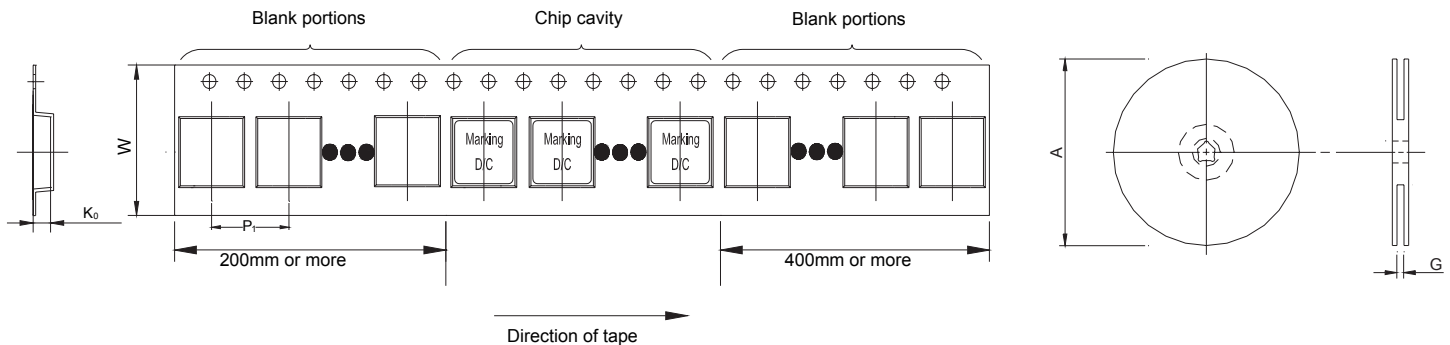


SUGGESTED PAD LAYOUT

| Series        | A       | B       | C       | D       | E       | F       | L         | G         | H         |
|---------------|---------|---------|---------|---------|---------|---------|-----------|-----------|-----------|
| PA5003/PM2203 | 5.5±0.2 | 5.3±0.2 | 2.9±0.2 | 4.3±0.3 | 1.1±0.3 | 2.3±0.3 | 4.5 (REF) | 2.0 (REF) | 4.7 (REF) |

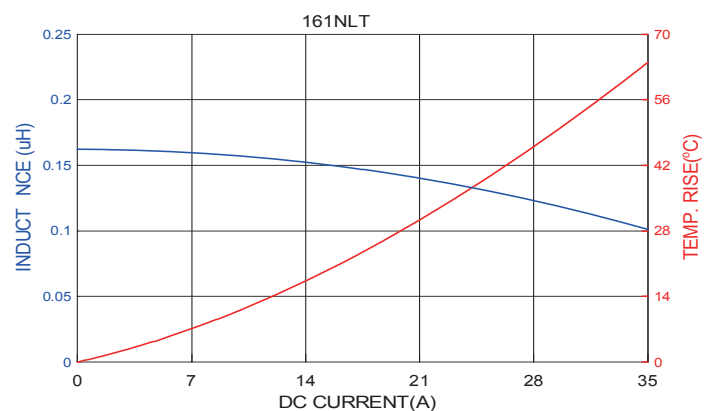
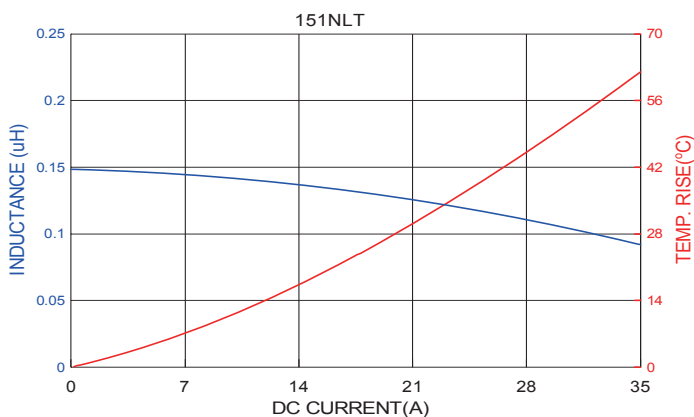
All Dimensions in mm.

### TAPE & REEL INFO



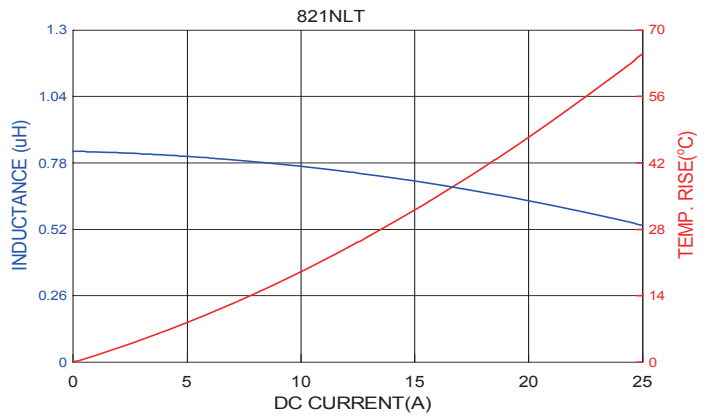
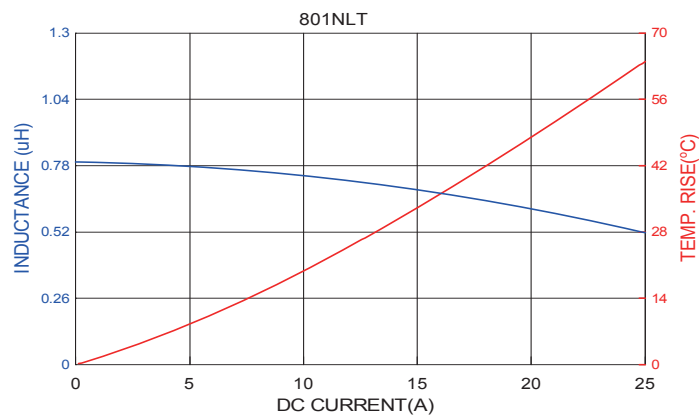
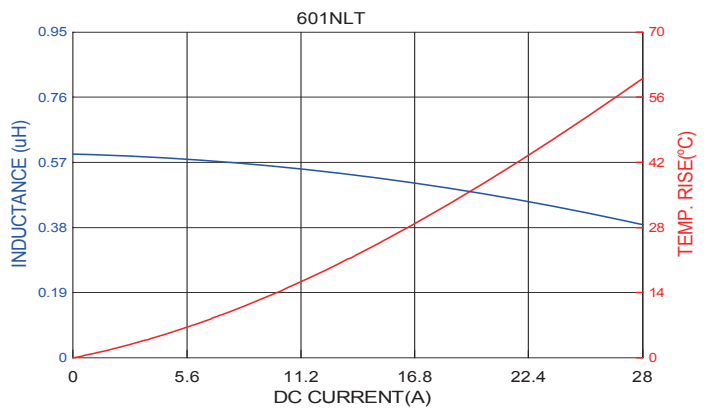
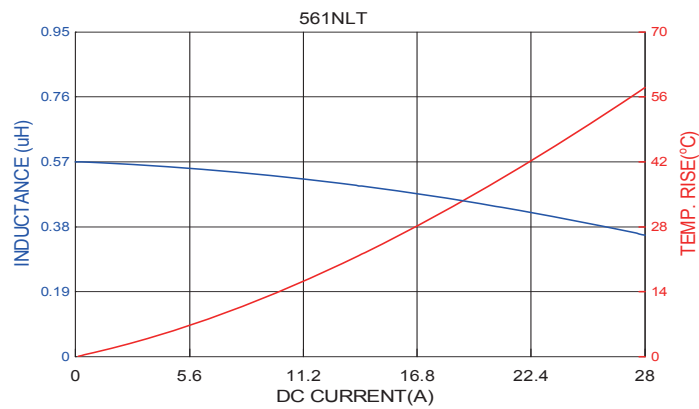
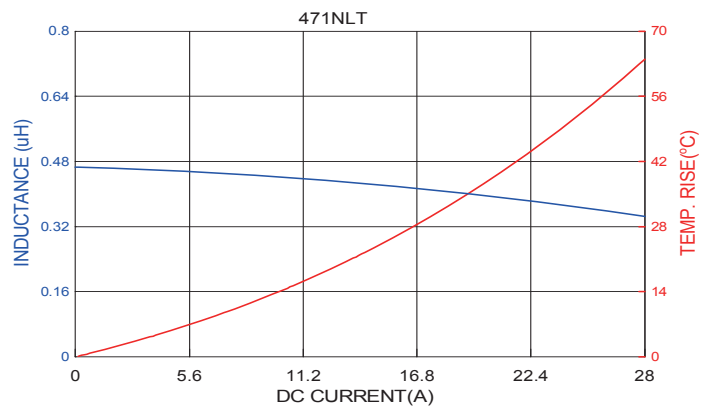
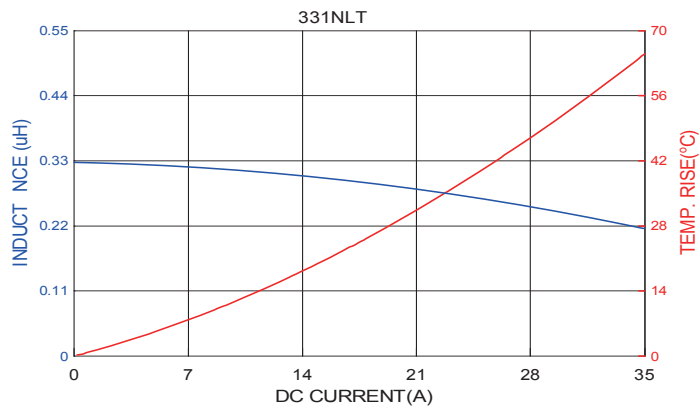
| SURFACE MOUNTING TYPE, REEL/TAPE LIST |                |      |                |    |                |          |
|---------------------------------------|----------------|------|----------------|----|----------------|----------|
|                                       | REEL SIZE (mm) |      | TAPE SIZE (mm) |    |                | QTY      |
|                                       | A              | G    | P <sub>1</sub> | W  | K <sub>0</sub> | PCS/REEL |
| PA5003/PM2203                         | Ø330           | 16.4 | 8              | 16 | 3.3            | 2000     |

### Typical Performance Curves



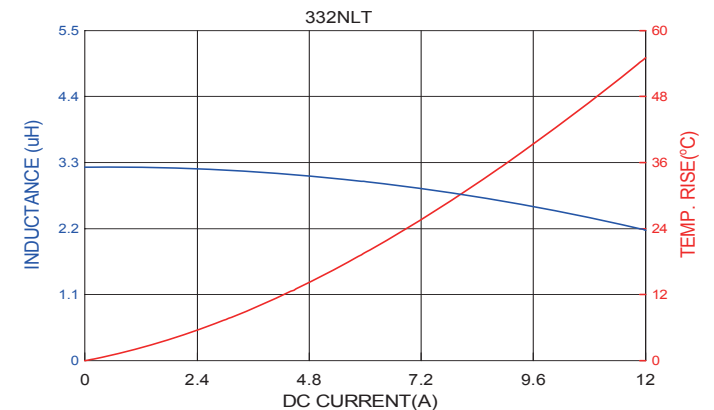
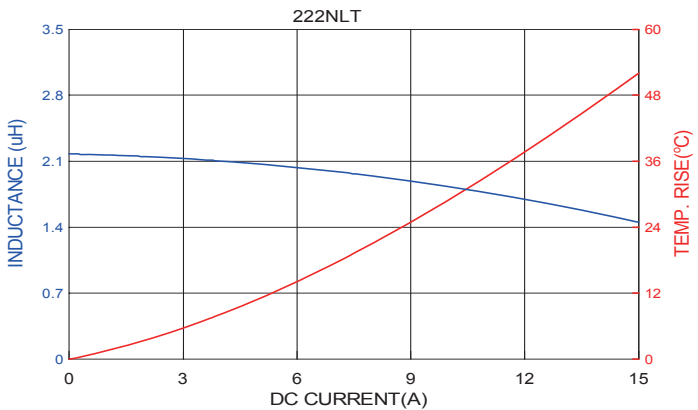
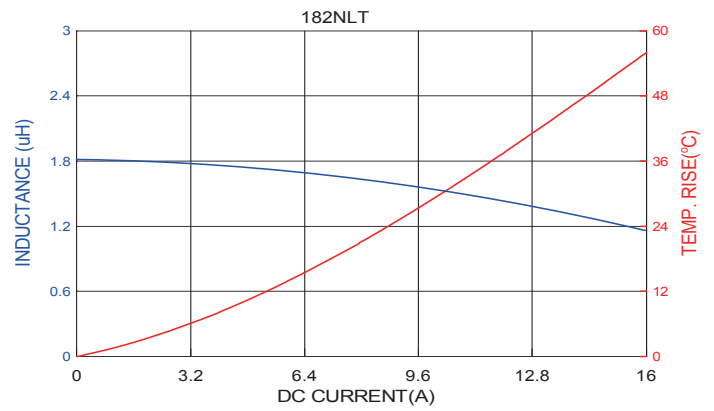
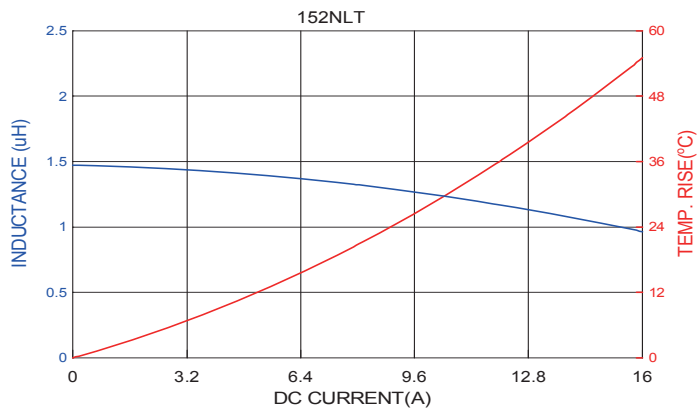
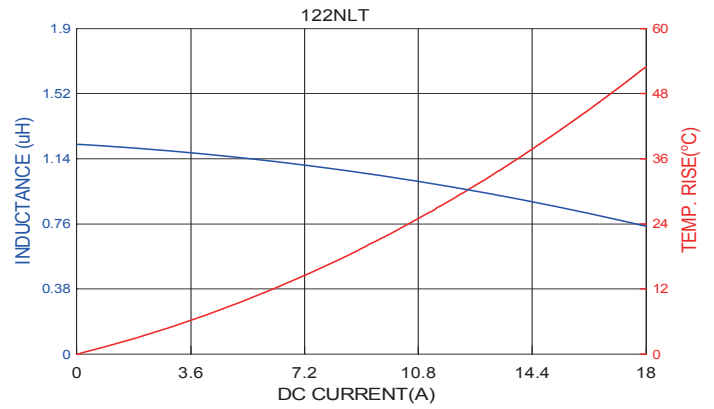
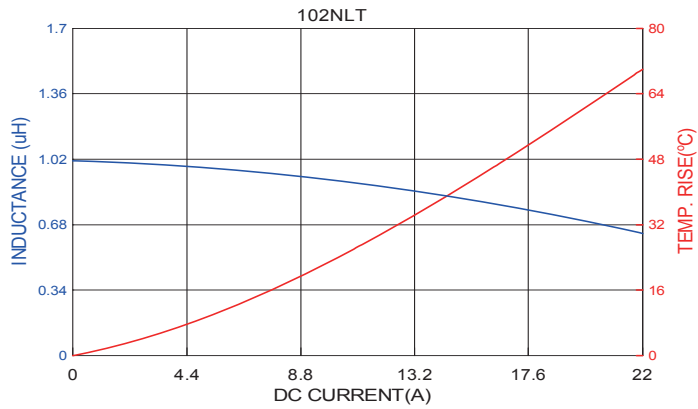
# SMT Power Inductors

High Current Composite Inductor - PA5003.XXXNLT and PM2203.XXXNLT



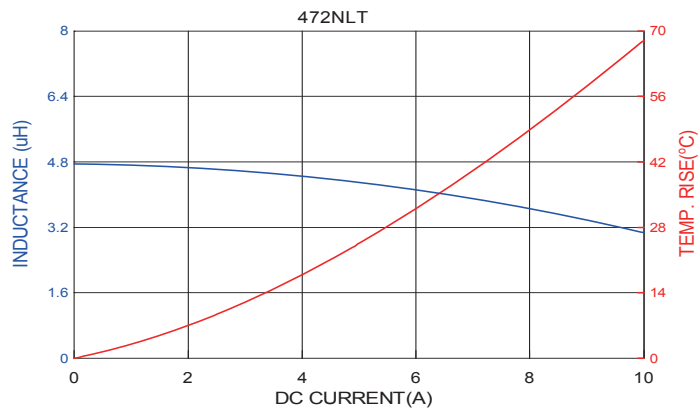
# SMT Power Inductors

High Current Composite Inductor - PA5003.XXXNLT and PM2203.XXXNLT

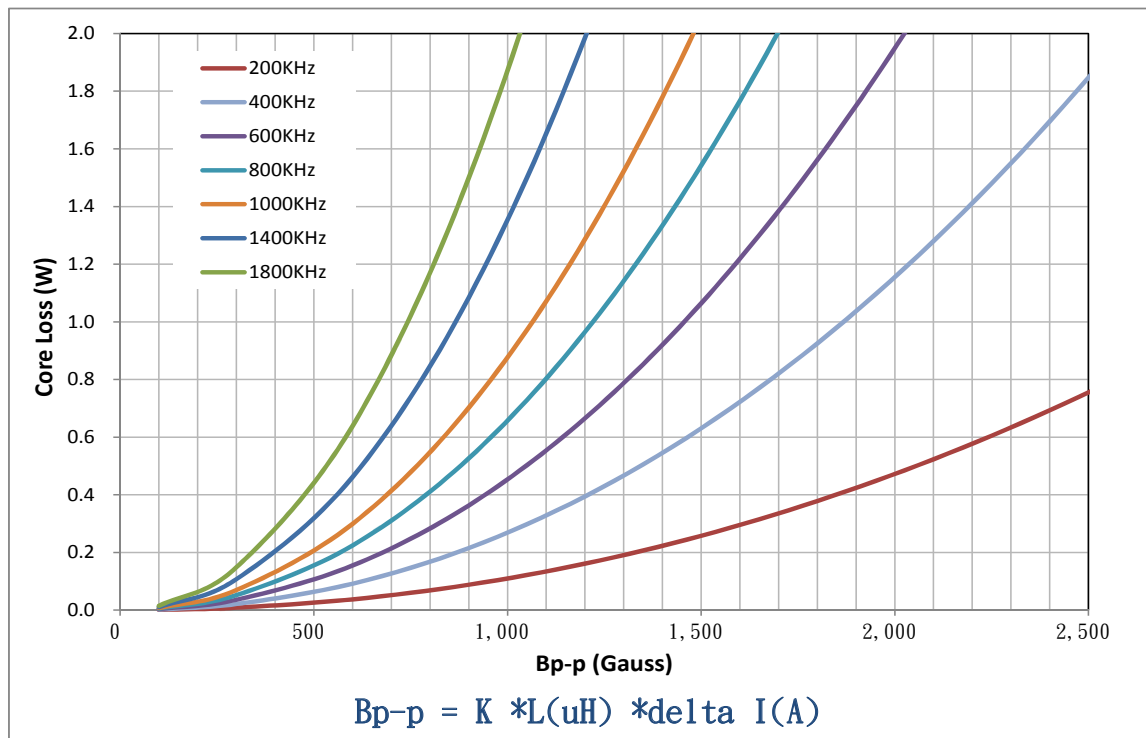


# SMT Power Inductors

High Current Composite Inductor - PA5003.XXXNLT and PM2203.XXXNLT



## CORE LOSS vs FLUX DENSITY



### For More Information:

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