

# UNSHIELDED SMD POWER INDUCTORS / TPY TYPE

## FEATURES

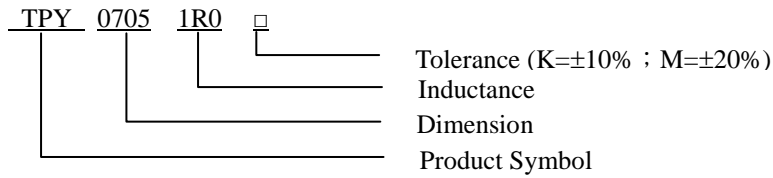
- ◆ Surface mount inductor with high current rating.
- ◆ Low resistance to keep power loss minimum.



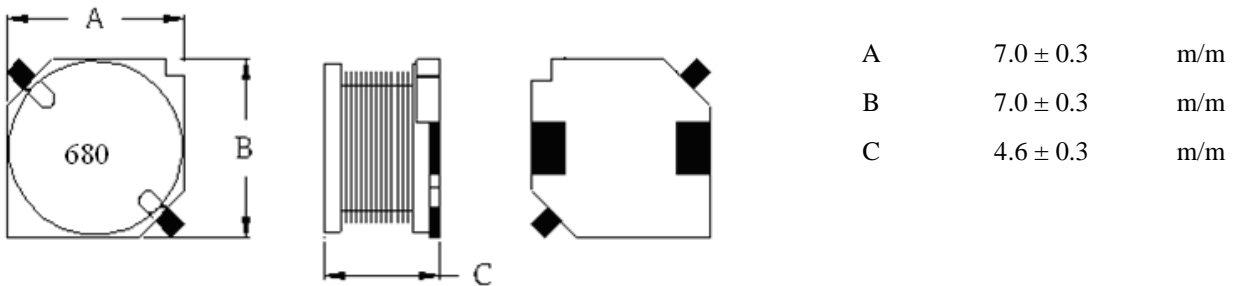
## APPLICATIONS

- ◆ Power supply for VTRs.
- ◆ Portable communication equipment.
- ◆ Notebook PCs.
- ◆ LCD televisions.
- ◆ DC/DC converters, etc.

## ORDERING CODE



## DIMENSIONS (UNIT:mm)



## UNSHIELDED SMD POWER INDUCTORS / TPY TYPE

### ELECTRICAL CHARACTERISTICS FOR TPY0705

| Part No.      | Inductance<br>( $\mu$ H) | RDC<br>( $\Omega$ ) MAX | IDC<br>(A) MAX |
|---------------|--------------------------|-------------------------|----------------|
| TPY0705-3R3 □ | 3.3                      | 0.040                   | 2.70           |
| TPY0705-4R7 □ | 4.7                      | 0.050                   | 2.50           |
| TPY0705-6R8 □ | 6.8                      | 0.060                   | 2.20           |
| TPY0705-100 □ | 10                       | 0.075                   | 2.00           |
| TPY0705-150 □ | 15                       | 0.090                   | 1.50           |
| TPY0705-220 □ | 22                       | 0.120                   | 1.30           |
| TPY0705-330 □ | 33                       | 0.180                   | 1.10           |
| TPY0705-470 □ | 47                       | 0.220                   | 0.90           |
| TPY0705-560 □ | 56                       | 0.250                   | 0.85           |
| TPY0705-680 □ | 68                       | 0.270                   | 0.80           |
| TPY0705-820 □ | 82                       | 0.380                   | 0.70           |
| TPY0705-101 □ | 100                      | 0.420                   | 0.65           |
| TPY0705-151 □ | 150                      | 0.580                   | 0.50           |
| TPY0705-221 □ | 220                      | 0.880                   | 0.40           |
| TPY0705-331 □ | 330                      | 1.100                   | 0.32           |
| TPY0705-471 □ | 470                      | 2.100                   | 0.28           |
| TPY0705-561 □ | 560                      | 2.200                   | 0.25           |
| TPY0705-681 □ | 680                      | 2.500                   | 0.22           |
| TPY0705-821 □ | 820                      | 2.900                   | 0.20           |
| TPY0705-102 □ | 1000                     | 4.000                   | 0.18           |

\* Test Frequency : 100KHZ/0.1V



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