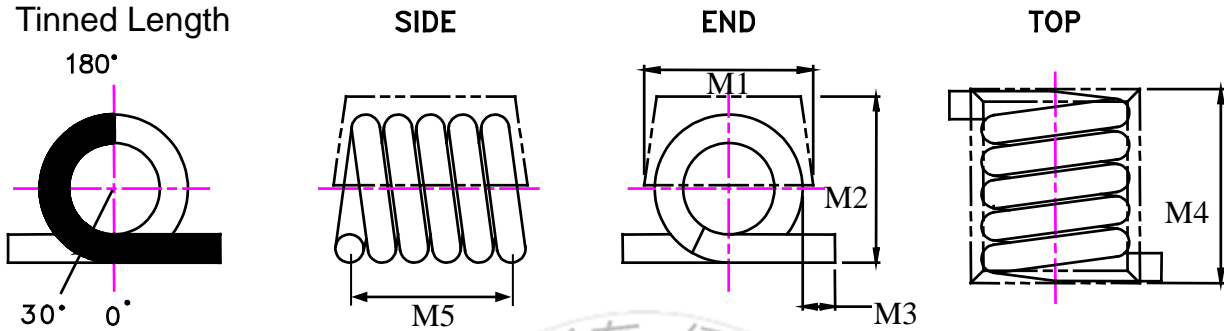


# SPECIFICATION FOR APPROVAL

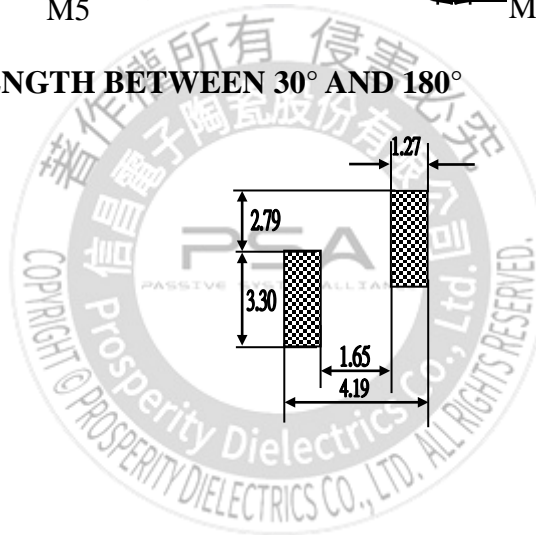
- ※This is a RoHS and REACH compliant product whose related documents are available on request.
- ※Graphic is only for dimensionally application.

## MECHANICAL DIMENSION



TINNED LENGTH BETWEEN 30° AND 180°

UNIT: mm



|    | DIM. | TOL.  |
|----|------|-------|
| M1 | 3.05 | MAX.  |
| M2 | 3.18 | MAX.  |
| M3 | 0.58 | ±0.38 |
| M4 | 3.68 | MAX.  |
| M5 | 2.92 | ±0.25 |

# SPECIFICATION FOR APPROVAL

## ELECTRICAL SPECIFICATION

| Part number  | Inductance (nH) | Inductance Tolerance | Q MIN. | Test Frequency (MHz) | DC Resistance (mΩ) MAX. | SRF (GHz) MIN. | Rated Current (A) MAX. |
|--------------|-----------------|----------------------|--------|----------------------|-------------------------|----------------|------------------------|
| 291A-01□-LRH | 2.5             | K                    | 145    | 150                  | 1.1                     | 12.5           | 4                      |
| 291A-02□-LRH | 5.0             | G,J,K                | 140    | 150                  | 1.8                     | 6.5            | 4                      |
| 291A-03□-LRH | 8.0             | G,J,K                | 140    | 150                  | 2.6                     | 5.0            | 4                      |
| 291A-04□-LRH | 12.5            | G,J,K                | 137    | 150                  | 3.4                     | 3.3            | 4                      |
| 291A-05□-LRH | 18.5            | G,J                  | 132    | 150                  | 3.9                     | 2.5            | 4                      |

□TOLERANCE : G=±2%, J=±5%, K=±10%

TEST INSTRUMENT: HP4291B、FIXTURE HP16193A、HP8753E、CHROMA16502

NOTE : 1. Inductance & Q measured on the HP4291B. WITH HP16193 test fixture.

2. Operating temperature range : -25°C to +125°C.
3. Storage temperature range : Component:-25°C to +85°C.
4. For temperature rise : 15°C.
5. SRF measured using the HP8753E.



## ELECTRICAL CURVE

