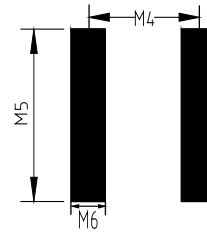
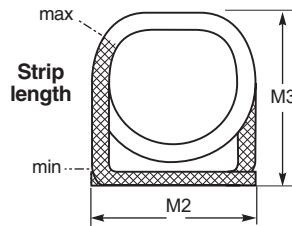
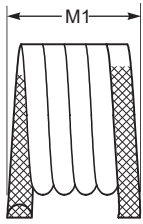


**SMD SQUARE AIR COIL**
**SHAPE AND DIMENSIONS(UNIT:mm):**
**RECOMMENDED PATTERNS:**


| Part Number       | M1          | M2         | M3         | M4    | M5   | M6   |
|-------------------|-------------|------------|------------|-------|------|------|
| SCA1111H27-30NJTT | 2.67±0.254  | 2.67±0.127 | 2.79±0.127 | 2.29  | 3.05 | 1.02 |
| SCA1111H33-39NJTT | 2.92±0.254  | 2.67±0.127 | 2.79±0.127 | 2.54  | 3.05 | 1.02 |
| SCA1111H43-47NJTT | 3.30±0.254  | 2.67±0.127 | 2.79±0.127 | 2.79  | 3.05 | 1.02 |
| SCA1515 Series    | 4.06±0.254  | 3.56±0.178 | 3.73±0.178 | 3.56  | 4.45 | 1.78 |
| SCA2222 Series    | 5.21±0.381  | 5.46±0.254 | 5.69±0.254 | 4.70  | 6.35 | 2.16 |
| SCA2929HR33JTT    | 10.29±0.381 | 7.49±0.254 | 7.24±0.254 | 9.53  | 8.26 | 2.29 |
| SCA2929HR36JTT    | 11.30±0.381 | 7.49±0.254 | 7.24±0.254 | 10.54 | 8.26 | 2.29 |
| SCA2929HR39JTT    | 12.32±0.381 | 7.49±0.254 | 7.24±0.254 | 11.56 | 8.26 | 2.29 |
| SCA2929HR43JTT    | 13.21±0.381 | 7.49±0.254 | 7.24±0.254 | 12.45 | 8.26 | 2.29 |
| SCA2929HR50JTT    | 14.00±0.381 | 7.49±0.254 | 7.24±0.254 | 13.21 | 8.26 | 2.29 |

**Electrical Characteristics @25°C:**

| PART NO.       | Inductance (nH) ±5% | Q (MIN) | Test Freq (MHz) | DCR MAX (mΩ) | SRF (GHz) TYP | Rated current(A) MAX |
|----------------|---------------------|---------|-----------------|--------------|---------------|----------------------|
| SCA1111H27NJTT | 27                  | 200     | 400             | 8.1          | 2.6           | 5.5                  |
| SCA1111H30NJTT | 30                  | 200     | 400             | 8.3          | 2.4           | 5.5                  |
| SCA1111H33NJTT | 33                  | 200     | 400             | 9.5          | 2.3           | 4.8                  |
| SCA1111H36NJTT | 36                  | 200     | 400             | 9.8          | 2.3           | 4.8                  |
| SCA1111H39NJTT | 39                  | 200     | 400             | 10.0         | 2.2           | 4.8                  |
| SCA1111H43NJTT | 43                  | 200     | 400             | 10.8         | 2.2           | 4.4                  |
| SCA1111H47NJTT | 47                  | 200     | 400             | 11.3         | 2.2           | 4.4                  |
| SCA1515H47NJTT | 47                  | 230     | 400             | 6.35         | 1.87          | 4.90                 |
| SCA1515H68NJTT | 68                  | 230     | 400             | 8.60         | 2.13          | 5.50                 |
| SCA1515H82NJTT | 82                  | 230     | 400             | 9.40         | 1.79          | 5.60                 |
| SCA2222H90NJTT | 90                  | 140     | 50              | 5.50         | 1.15          | 5.00                 |
| SCA2222HR11JTT | 110                 | 140     | 50              | 6.50         | 1.00          | 5.70                 |
| SCA2222HR13JTT | 130                 | 140     | 50              | 7.50         | 1.00          | 5.40                 |
| SCA2222HR16JTT | 160                 | 140     | 50              | 8.25         | 1.00          | 5.70                 |
| SCA2222HR18JTT | 180                 | 140     | 50              | 9.50         | 1.10          | 5.00                 |
| SCA2222HR22JTT | 220                 | 140     | 50              | 11.0         | 1.00          | 5.00                 |
| SCA2222HR27JTT | 270                 | 140     | 50              | 12.5         | 0.80          | 4.30                 |
| SCA2222HR33JTT | 330                 | 150     | 50              | 13.8         | 0.72          | 3.70                 |
| SCA2929HR33JTT | 330                 | 180     | 50              | 12.5         | 0.66          | 4.70                 |
| SCA2929HR36JTT | 360                 | 180     | 50              | 13.5         | 0.62          | 4.50                 |
| SCA2929HR39JTT | 390                 | 180     | 50              | 14.5         | 0.59          | 4.40                 |
| SCA2929HR43JTT | 430                 | 180     | 50              | 15.5         | 0.55          | 4.20                 |
| SCA2929HR50JTT | 500                 | 180     | 50              | 16.5         | 0.50          | 4.30                 |

**CHARACTERISTIC CURVES**
