

1.GENERAL SPECIFICATIONS

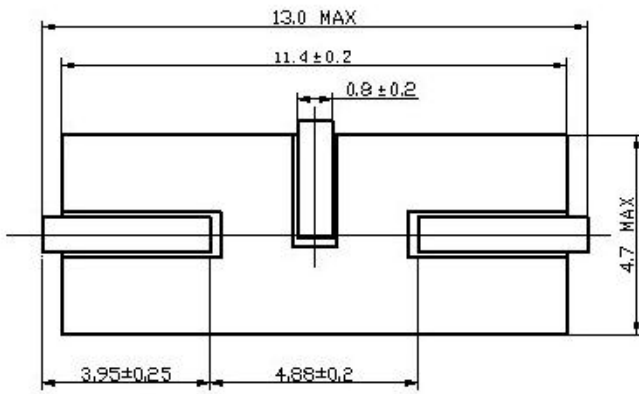
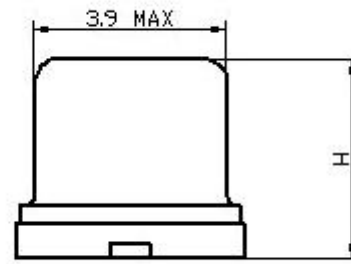
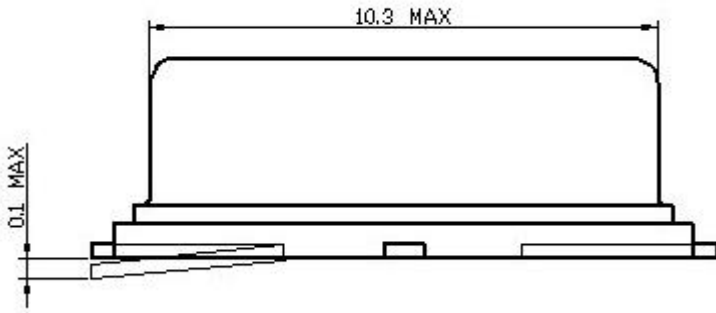
| | |
|--------------------------------------|--|
| 1.Holder type: | HC-49SMD-3 |
| 2.Normal Frequency: | 4.000 MHz |
| 3.Oscillation Mode: | AT-Fundamental |
| 4.Load Capacitance(CL): | 18 pF |
| 5.Frequency Tolerance 25±3°C: | ± 20 PPM |
| 6.Effective Series Resistance: | ≤ 30Ω |
| 7.Shunt Capacitance(C0): | ≤ 7 PF |
| 8. Typical drive level: | 100 uW TYP. |
| 9.Operation Temperature Range: | ±30 PPM at -40°C to +85°C |
| 10.Stability Over Temperature Range: | -40°C to+85°C |
| 11.Insulation Resistance: | ≥500 MΩ at DC 100V |
| 12.Aging: | ±5 PPM/Year |
| 13.Storage Temperature: | -50°C to +105°C |
| 14.Test circuit | S&A 250B Pi-Network Crystal Measurement System |
| Remark | |

P/N: WTL5S3628PZ

49SMD 3 pads



2.DIMENSIONS SPECIFICATIONS

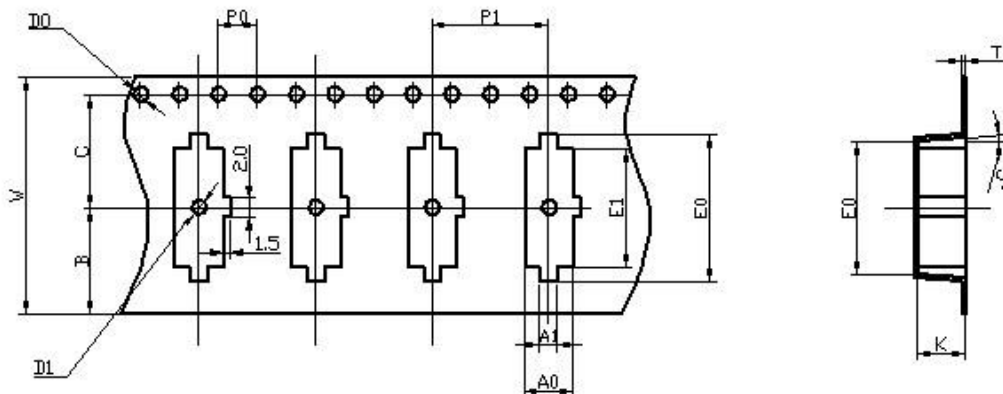


unit: mm

H:4MM

P/N: WTL5S36288PZ

49SMD 3 pads

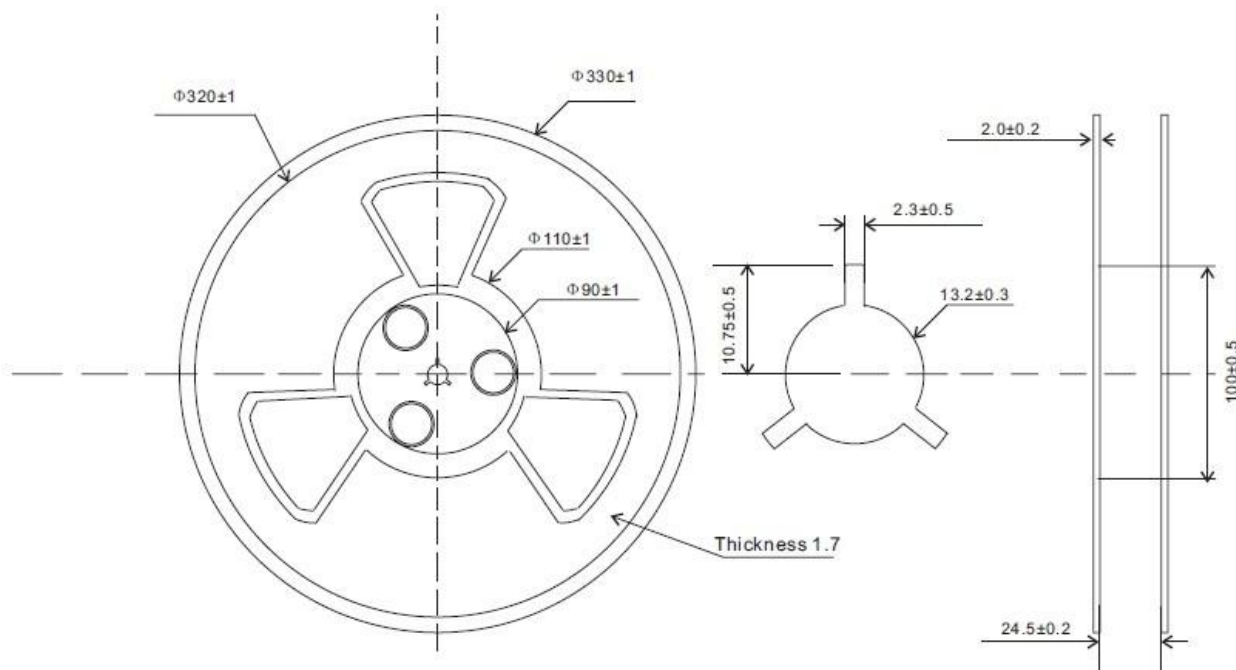


unit: mm

1000Pcs Per Reel

| Symbol Dimen sions | A0 | A1 | B | C | D0 | D1 | E0 | E1 | K | P0 | P1 | T | W |
|--------------------------|-----------|-----------|------------|------------|------------|------------|------------|------------|------------|-----------|----------|------------|----------|
| P8-4.35 | 5.0 ± 0.1 | 1.8 ± 0.1 | 10.7 ± 0.2 | 11.5 ± 0.2 | φ1.5 ± 0.1 | φ1.5 ± 0.1 | 15.0 ± 0.1 | 12.0 ± 0.2 | 4.35 ± 0.1 | 4.0 ± 0.1 | 8 ± 0.1 | 0.4 ± 0.05 | 24 ± 0.5 |
| P8-3.40 | 5.0 ± 0.1 | 1.8 ± 0.1 | 10.7 ± 0.2 | 11.5 ± 0.2 | φ1.5 ± 0.1 | φ1.5 ± 0.1 | 15.0 ± 0.1 | 12.0 ± 0.2 | 3.40 ± 0.1 | 4.0 ± 0.1 | 8 ± 0.1 | 0.4 ± 0.05 | 24 ± 0.5 |
| P12-4.35 | 5.0 ± 0.1 | 1.8 ± 0.1 | 10.7 ± 0.2 | 11.5 ± 0.2 | φ1.5 ± 0.1 | φ1.5 ± 0.1 | 15.0 ± 0.1 | 12.0 ± 0.2 | 4.35 ± 0.1 | 4.0 ± 0.1 | 12 ± 0.1 | 0.4 ± 0.05 | 24 ± 0.5 |
| P12-3.40 | 5.0 ± 0.1 | 1.8 ± 0.1 | 10.7 ± 0.2 | 11.5 ± 0.2 | φ1.5 ± 0.1 | φ1.5 ± 0.1 | 15.0 ± 0.1 | 12.0 ± 0.2 | 3.40 ± 0.1 | 4.0 ± 0.1 | 12 ± 0.1 | 0.4 ± 0.05 | 24 ± 0.5 |

3.Reel



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49SMD 3 pads



4. WTL PART NUMBER SYSTEM :

For example: WTL5S23118PZ

[Instructions: for project management, WTL will trace back the part number to developer wherever it goes]

WTL - 9M - 23118 - PZ

WTL: Brand

5S : Package Code

23118: Serial number , flow code , without any rules

PZ: WTL Developer Code, for example: VH,CH,PZ,RZ,ML