

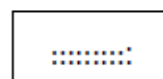
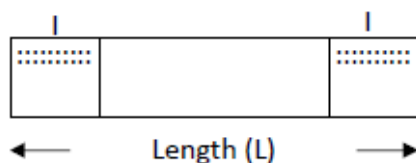
TS23C



| S P E C I F I C A T I O N S | | | | | |
|-----------------------------|---|----------------------|--------------------------|-------------------|------------|
| TYPE | 1210 | | 1812 | | 2220 |
| CAPACITANCE RANGE | 1-91pF | | 1-470pF | | 330-1000pF |
| | @ 1 MHz (WHEN MEASURED AT 1 MHz CAPACITANCE VALUE WILL BE WITHIN SPECIFIED TOLERANCE.) | | | | |
| TOLERANCE | ±5% | | | | |
| RATED VOLTAGE | DC 500V | | | | |
| TEMP. COEFFICIENT | CHARACTERISTIC | CAPACITANCE RANGE pF | TEMP. COEFFICIENT ppm/°C | CAPACITANCE DRIFT | |
| | C | 0.5 TO 10 | 100 ± 100 | ±(.5% + 1pF) | |
| | E | 10.5 TO 30 | 50 ± 50 | ±(.1% + 1pF) | |
| | F | 30.5 & UP | 25 ± 25 | ±(.05% +.1pF) | |
| DISSIPATION FACTOR | 0.0010 AT 1MHZ. | | | | |
| INSULATION RESISTANCE | MINIMUM 100000 MEGHAOHMS WHEN MEASURED AT 100 Vdc. | | | | |
| WITHSTANDING VOLTAGE | 200% OF RATED VOLTAGE FOR 1 TO 5 SECONDS WITHOUT DAMAGE. | | | | |
| HEAT RESISTANCE | SUBJECT THE CAPACITORS TO 125 ± 2°C FOR 2 HOURS. THEN THE INSULATION RESISTANCE WILL BE NO LESS THAN 5G OHMS | | | | |

UNIT: mm

| TYPE | RATED VDC | CAPACITANCE PF | L MM | W MM | H MM | I MM |
|------|-----------|----------------|------|------|------|---------|
| 1210 | 500 | 1~91 | 3.8 | 3.1 | 1.8 | 0.3~1.3 |
| 1812 | 500 | 1~470 | 5.2 | 4.0 | 2.1 | 0.3~1.3 |
| 2220 | 500 | 330~1000 | 6.1 | 5.4 | 2.2 | 0.3~1.3 |



Height (H)

Width (W)

:::: (PLATED TIN , PLATED NICKEL & COATED SILVER TERMINATION)

TS23C

MARKING DETAILS:

| Base Value | Code Ltr. | Base Value | Code Ltr. |
|------------|-----------|------------|-----------|
| 10 | A | 45 | e |
| 11 | B | 47 | S |
| 12 | C | 50 | f |
| 13 | D | 51 | T |
| 15 | E | 55 | g |
| 16 | F | 56 | U |
| 18 | G | 60 | m |
| 20 | H | 62 | V |
| 22 | J | 65 | h |
| 24 | K | 68 | W |
| 25 | a | 70 | n |
| 27 | L | 75 | X |
| 30 | M | 80 | t |
| 33 | N | 82 | Y |
| 35 | b | 85 | k |
| 36 | P | 90 | y |
| 39 | Q | 91 | Z |
| 40 | d | 95 | r |
| 43 | R | | |

| | | |
|--|-------------------|-----------------|
| Example: R1 = 43pF a2 = 250pF | Multiplier | Code No. |
| | x0.1 | 0 |
| | x1 | 1 |
| | x10 | 2 |
| | x100 | 3 |
| | x0.01 | 9 |

Note: Specification are subject to change without notice. For more detail and update, please visit our website.