Suntan®

PART NUMBER SYSTEM

Series	Sub-Series	Voltage	Capacitance	Tolerance	Size	Packing	Material	Lead Space	Lead Length	Remark
T S 1 3 D	G	2 A	2 2 0	M	S	B	0	0	0	F

Refer to Index

0	Standard

0	Standard
1	TS14

Voltage

Code	Voltage
0E	-2.5V
0G	-4V
0J	-6.3V
1A	-10V
1C	-16V
1D	-20V
1E	-25V
1V	-35V
1G	-40V
1H	-50V
1J	-63V
1M	-70V
1U	-75V
1K	-80V
2A	-100V
2B	-125V
2N	-150V
2C	-160V
2D	-200V
2E	-250V
2L	-300V
2F	-315V
2U	-330V
2V	-350V
2Z	-360V
2R	-370V
2G	-400V
2W	-450V
2H	-500V
2J	-630V
2I	-650V
2K	-800V
3A	-1,000V
3L	-1,200V
3B	-1,250V
3N	-1,500V
3C	-1,600V
3D	-2,000V
3E	-2,500V
3F	-3,000V
3G	-4,000V
3H	-5,000V
3I	-6,000V
3J	-6,300V
3U	-7,500V
3K	-8,000V
4A	-10,000V
4L	-12,000V
4C	-15,000V
4I	-18,000V
4D	-20,000V
4E	-25,000V
4F	-30,000V
5V	-35,000V
4G	-40,000V
4H	-50,000V
2Q	-125VAC
2T	-250VAC
2S	-275VAC
2X	-280VAC
22	-300VAC
I0	-305VAC
A9	-310VAC
L0	-330VAC
2Y	-400VAC
P0	-440VAC
Q0	-450VAC
V0	-630VAC

Capacitance

Code	Capacitance	
2R2	2.2pF	
100	10pF	
101	100pF	
102	1000pF	=0.001uF
223	22,000pF	=0.022uF
154	150,000pF	=0.15uF
105	1,000,000pF	=1uF
155	1,500,000pF	=1.5uF
106	10,000,000pF	=10uF
107	100,000,000pF	=100uF

For TS13, TS13C, TS13D, TS14 & TS19, TS20

Code	Capacitance
0R1	0.1uF
R47	0.47uF
010	1uF
2R2	2.2uF
220	22uF
102	1000uF
223	22000uF

Tolerance

Code	Tolerance
C	+/-0.25pF
D	+/-0.5pF
F	+/-1%
G	+/-2%
H	+/-2.5%
J	+/-5%
K	+/-10%
L	+/-15%
M	+/-20%
Z	+80-20%
V	+20-10%

For TS05,TS08

Code	Size
A	Standard
B	Mini
8	refer TS08 spec

For TS08S

Code	Size
A/S	Standard
B	Mini

For TS13C

Code	Size
A	4x5.4
B	4x5.8
C	5x5.4
D	5x5.8
E	6.3x5.4
F	6.3x5.8
G	6.3x7.7
H	8x6.2
J	8x10.5
K	10x10.5
L	10x13.5
M	12.5x13.5
N	12.5x16
P	16x16.5
Q	16x21.5

Size

Code	Size
S	Standard
M	Ministure

For TS17/TS18 / TS18H

Code	Size
1	1210 size
2	1206 size
3	1808 size
4	0402 size
5	1812 size
6	0603 size
7	2220 size
8	0805 size
S	TS17R 0805 size

For TS20

Code	Size
A	A case
B	B case
C	C case
D	D case
E	E case

For TS23

Code	Size
1	DM5
2	DM10
3	DM15
4	DM19
5	DM20
6	DM30
7	DM42

For TS15

Code	Size
6	Dia6mm
A	Dia6.5mm
7	Dia7mm
9	Dia9mm
4	Dia4mm
5	Dia5mm
F	Dia13mm
L	Dia18mm

Packing

Code	Packing
A	Ammo Tape in Box
B	Bulk
T	Tape & reel

Material

Code	Material
0	Standard

For Ceramic

N	NPO
S	SL
B	X7R
E	Z5U
F	Y5V
U	Y5U
P	Y5P
V	Z5V
X	X5R
T	Y5T
D	N4700
L	DL

Lead Space

Code	Lead Space
0	Standard
1	1.5mm
3	2mm
4	3.5mm
5	6.3mm
6	12.5mm
7	17.5mm
8	18.5mm
9	31.5mm
A	2.54mm
B	5.08mm
C	7.5mm
D	10mm
E	15mm
F	20mm
G	22.5mm
H	25mm
I	27.5mm
J	32.5mm
K	35mm
L	37mm
M	26mm
N	8mm
O	11.5mm
P	31mm
Q	4mm
R	4.5mm
S	41mm
T	14mm
U	9.5mm

Lead Length

Code	Lead Length
0	Standard
2	12mm
3	16mm
4	20mm
5	18.5mm
K	26mm
L	25mm
F	27mm
Z	28mm
G	30mm
H	31mm
J	35mm
X	45mm
M	10mm
N	50mm
P	8mm
R	6mm
S	5mm
T	4mm
U	13.5mm
V	3.5mm
W	4.5mm
Y	70mm

Remark

Code	Remark
F	Lead Free
R	RoHS