

Explanation of part numbers

◇ Part number system

2R5Rated voltage
1 to 3 figures

R.voltage (V)	Code
2.0	2
2.5	2R5 or E
4.0	4
6.3	6
8.0	8
10.0	10
12.5	12
16.0	16 or 1C
20.0	20
25.0	25
35.0	35

TPBSeries name
3 to 4 figures

Series	Code
TPB	TPB
TPC	TPC
TPE	TPE
TPF	TPF
TPS	TPS
TPSF	TPSF
TAB	TAB
TAE	TAE
THB	THB
THC	THC
THE	THE
TQC	TQC
TQS	TQS
TVE	TVE
TCE	TCE
TCF	TCF
TDC	TDC
TQT	TQT

330Rated cap.
2 to 4 figures

R. cap. (μF)	Code
3.9	3R9
4.7	4R7
5.6	5R6
6.8	6R8
8.2	8R2
10	10
15	15
22	22
33	33
47	47
56	56
68	68
82	82
100	100
120	120
150	150
220	220
270	270
330	330
470	470
680	680
1000	1000
1500	1500

MCap. tolerance
1 figure

Cap. tolerance	Code
±20%	M

LSpecial code
0 to 4 figures

Standard		Code
TPE series		
B2	ESR 35 mΩ max.	ZB
	ESR 25 mΩ max.	PB
	ESR 21 mΩ max.	LB
	ESR 15 mΩ max.	FB
	ESR 15 mΩ / 300 kHz max.	FGB
	ESR 35 mΩ max. 85°C	AZB
	ESR 25 mΩ max. 85°C	APB
	ESR 15 mΩ max. 85°C	AFB
	ESR 13 mΩ / 300 kHz max. 85°C	ADGB
D2E	ESR 11 mΩ / 300 kHz max. 85°C	AJGB
	ESR 25 mΩ max. 85°C	AP
D3L	ESR 25 mΩ max.	L
	ESR 18 mΩ max.	IL
	ESR 15 mΩ max.	FL
	ESR 12 mΩ max.	CL
	ESR 10 mΩ max.	AL
	ESR 25 mΩ max. 85°C	AL
	ESR 9 mΩ / 500 kHz max. 85°C	A9EL
TPB series		
D3L		L
TPC series		
85 °C		A
B1		B
TQS / TQT series		
D15S	ESR 100 mΩ / Height 1.5 mm max.	EU
D2S	ESR 100 mΩ / Height 2.0 mm max.	E2

Standard		Code
TPF series		
D3L	ESR 9 mΩ max.	9L
	ESR 7 mΩ max.	7L
	ESR 6 mΩ max.	6L
	ESR 5 mΩ max.	5L
D4	ESR 10 mΩ max.	AH
	ESR 6 mΩ max.	6H
	ESR 5 mΩ max.	5H
TQC / TDC series		
Capacitance enlarged type		YF
Capacitance enlarged type (B2 size)		YFB
Capacitance enlarged type (D12 size)		YFS
Capacitance enlarged type (D15 size)		YFT
Capacitance enlarged type (D2 size)		YFD/D2
Capacitance enlarged type (D3L size)		D3
All series		
ESR 55 mΩ max.		G
ESR 45 mΩ max.		V
ESR 40 mΩ max.		W
ESR 35 mΩ max.		Z
ESR 18 mΩ max.		I
ESR 15 mΩ max.		F
ESR 12 mΩ max.		C
ESR 9 mΩ max.		9
ESR 7 mΩ max.		7
ESR 6 mΩ max.		6
ESR 5 mΩ max.		5
ESR 35 mΩ / 300 kHz max.		ZG
ESR 30 mΩ / 300 kHz max.		UG
ESR 9 mΩ / 300 kHz max.		9G
ESR 6 mΩ / 500 kHz max.		6E
ESR 4 mΩ / 500 kHz max.		4E

TPE/TPF/THC/TPC/TQC series some part numbers : Not recommended for new design