

### Explanation of part numbers

#### ◇ Part number system

**2R5**

Rated voltage  
1 to 3 figures

Rated voltage	Code
2.0	2
2.5	2R5 or E
4.0	4
6.3	6
8.0	8
10.0	10
11.0	11
12.5	12
16.0	16 or 1C
20.0	20
25.0	25
35.0	35

**TPB**

Series name  
3 to 4 figures

Series	Code
TPB	TPB
TPC	TPC
TPE	TPE
TPF	TPF
TPG	TPG
TPH	TPH
TPSF	TPSF
TPU	TPU
TAB	TAB
TAE	TAE
THB	THB
THC	THC
THE	THE
TQC	TQC
TQS	TQS
TVE	TVE
TCE	TCE
TCF	TCF
TDC	TDC

**330**

Rated cap.  
2 to 4 figures

Rated cap.	Code
2.7	2R7
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

**M**

Cap. tolerance  
1 figure

Cap. tolerance	Code
±20%	M

**L**

Special code  
0 to 4 figures



S09/B09 (TPU), A09/A14 (TPH)  
is not a recommended product.

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 / 300kHz max. 85°C	ADGB
	ESR 11 mΩ / 300kHz max. 85°C	AJGB
D15E	ESR 35 mΩ max. 85°C	AZU
D2E	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
TPG series		
B1G	ESR 35 mΩ / 300kHz max.	ZGD
TPH series		
A09	ESR 150 mΩ max.	AHA
	ESR 100 mΩ max.	AEA
A14	ESR 70 mΩ max.	ABC
TPB series		
D3L		L
TPC series		
85°C		A
B1		B

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
TPU series		
S09		SI
B09		BI
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/D3
TPU series		
ESR 70 mΩ max.		BD
ESR 100 mΩ max.		ED
ESR 150 mΩ max.		HD
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 / 300kHz max.		ZG
ESR 30 mΩ / 300kHz max.		UG
ESR 9 mΩ / 300kHz max.		9G
ESR 6 mΩ / 500kHz max.		6E
ESR 4 mΩ / 500kHz max.		4E