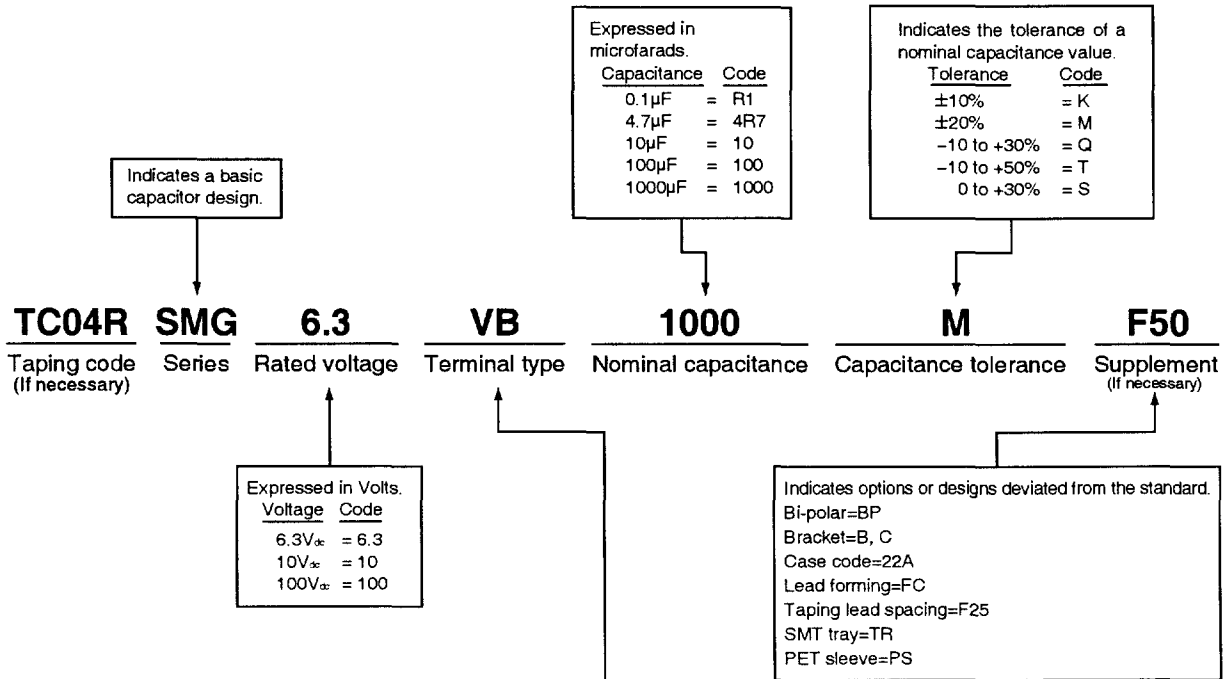
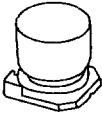
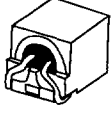







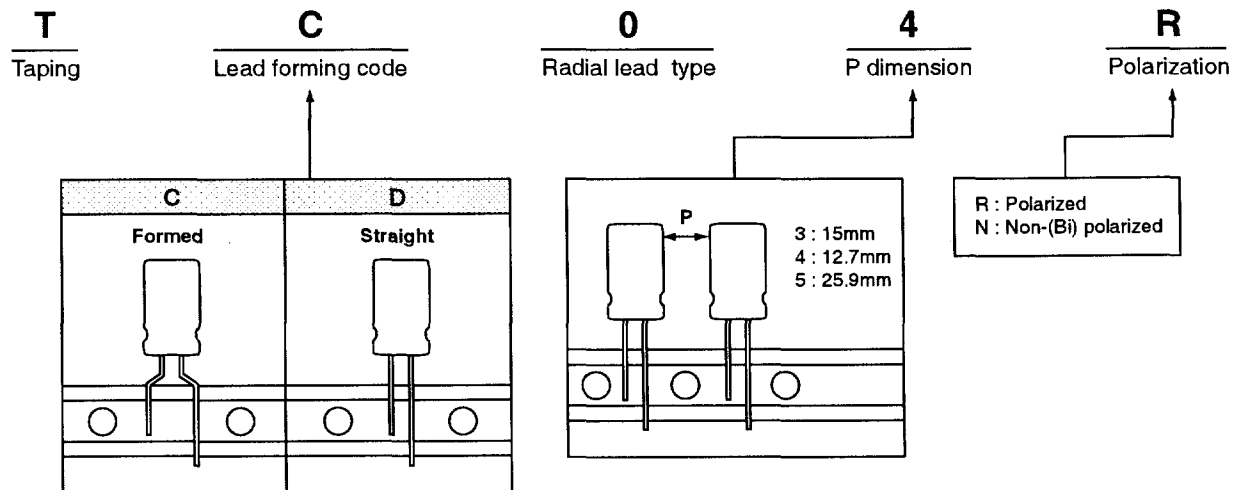
PART NUMBERING SYSTEM



Indicates basic terminal type of capacitors.

Type code=VC	Type code=FC	Type code=VB	Type code=VSSN	Type code=LGSN
Vertical SMT	Horizontal SMT	Radial lead	Snap-in terminal for large-sized capacitors	Screw-mount terminal
	 Dummy terminal=FD			

◆TAPING CODE (only applicable for radial type)





MINIMUM ORDER QUANTITY

Please order by units of minimum order quantity.

◆SURFACE MOUNT

●Horizontal



Series	Case code	Quantity (pcs)
Alchip® MFS/MFA/MF/MFK MFY/MFJ PX (Horizontal) MFZ/MFX	A6	3,000
	B46, B6	3,000
	C46, C6	2,500
	D46, D6, D8, D80, D10, D13	2,500
	E8	2,000
	H15, H20, H25	500

●Vertical



Series	Case code	Quantity (pcs)	
		Taping	Tray
Alchip® MVS/MVA/MV/ MVK/MVY/MVJ MVH/MVE/MVL PX(Vertical)	B55	2,000	—
	D46, D55, D60	2,000	—
	E46, E55, E60	1,000	—
	F46, F55, F60	1,000	—
	F80	900	—
	H63	1,000	—
	H70, H10	500	—
	J80, J10	500	—
	K14	200	120
	K16	150	120
	L17, L22	—	80
	M17, M22	—	60

◆RADIAL



Size	Quantity (pcs)	
	Bulk	Taping
φ3 (φ3.5)	200	3,000
φ4	200	2,000
φ5	200	2,000
φ6.3	200	2,000
φ8 (φ7)	200	1,000
φ10	Height ≤ 25mm	800
	Height ≥ 30mm	500
φ12.5	100	500
φ16	50	250
φ18	50	250

* : The quantity of bulk is a typical example.

◆SNAP-INS



200 pieces

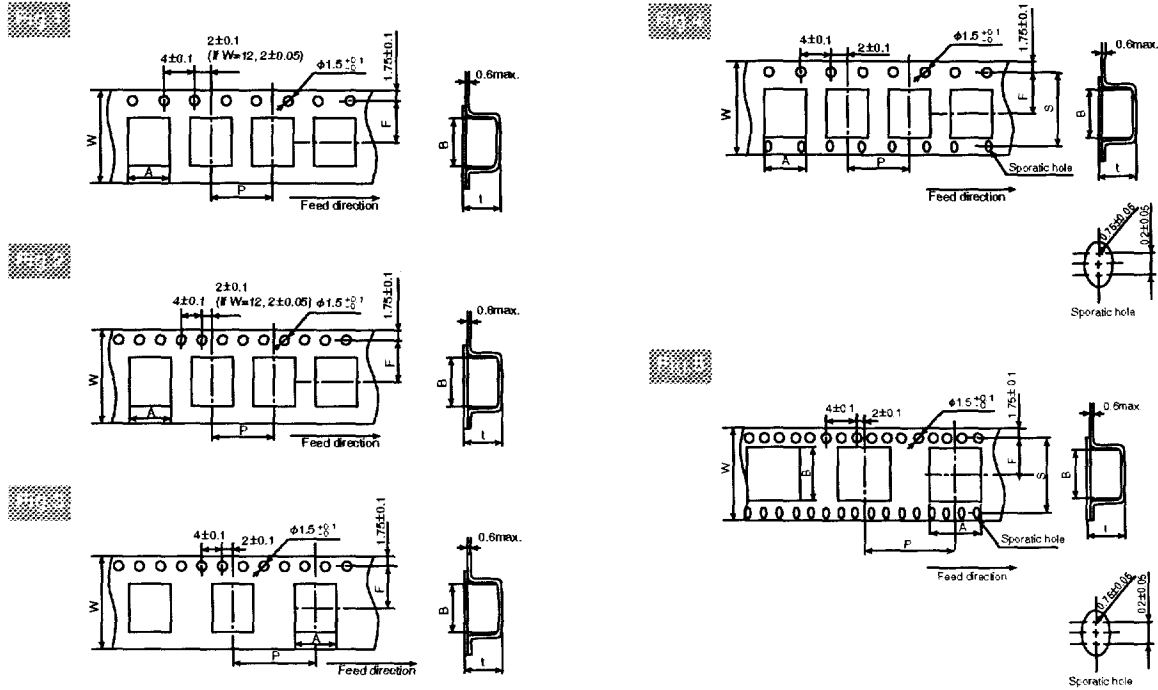


TAPING SPECIFICATIONS

SURFACE MOUNT TYPE (TAPING)



◆CARRIER TAPE [mm]

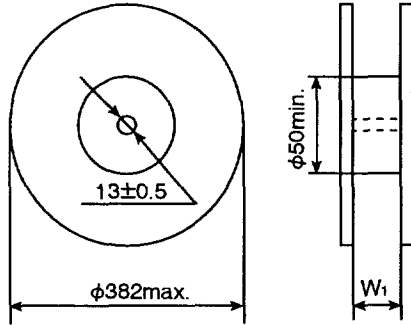


[mm]

Series	Items	W	A	B	F	P	t	S	Fig.	
		±0.3	±0.2	±0.2	±0.1	±0.1	±0.2	±0.1		
Alchip® MFS/MFA MF/MFK MFY/MFJ	A6	12.0	3.7	6.7	5.5	8.0	3.5	—	1	
	B46	12.0	4.2	5.2	5.5	8.0	4.0	—	1	
	B6	12.0	4.2	6.7	5.5	8.0	4.0	—	1	
	C46	12.0	4.7	5.2	5.5	8.0	4.5	—	1	
	C6	12.0	4.7	6.7	5.5	8.0	4.5	—	1	
	D46	12.0	5.2	5.2	5.5	8.0	5.0	—	1	
	D6	12.0	5.2	6.7	5.5	8.0	5.0	—	1	
	PX (Horizontal) MFZ/MFX	D8 (D80)	16.0	5.2	8.7	7.5	8.0	5.0	—	1
		D10	16.0	5.2	10.7	7.5	8.0	5.0	—	1
		D13	24.0	5.2	13.7	11.5	8.0	5.0	—	1
E8		16.0	7.5	8.8	7.5	8.0	6.0	—	1	
H15		24.0	9.2	17.3	11.5	16.0	9.9	—	3	
H20		32.0	9.2	21.8	14.2	16.0	9.9	28.4	4	
H25		44.0	9.2	26.8	20.2	16.0	9.9	40.4	4	
Alchip® MVS/MVA MVE/MV MVK/MVY MVJ/MVH MVL	B55	12.0	3.5	3.5	5.5	8.0	5.9	—	1	
	D46	12.0	4.7	4.7	5.5	8.0	4.9	—	1	
	D55	12.0	4.7	4.7	5.5	8.0	5.7	—	1	
	D60	12.0	4.7	4.7	5.5	8.0	6.3	—	1	
	E46	12.0	5.7	5.7	5.5	12.0	4.9	—	2	
	E55	12.0	5.7	5.7	5.5	12.0	5.7	—	2	
	E60	12.0	5.7	5.7	5.5	12.0	6.3	—	2	
	F46	16.0	7.0	7.0	7.5	12.0	4.9	—	2	
	F55	16.0	7.0	7.0	7.5	12.0	5.7	—	2	
	F60	16.0	7.0	7.0	7.5	12.0	* 6.3	—	2	
PX (Vertical)	F80	16.0	7.0	7.0	7.5	12.0	8.2	—	2	
	H63	16.0	8.7	8.7	7.5	12.0	6.8	—	2	
	H70	24.0	8.7	8.7	11.5	12.0	7.2	—	3	
	H10	24.0	8.7	8.7	11.5	16.0	11.0	—	3	
	J80	24.0	10.7	10.7	11.5	16.0	8.2	—	3	
	J10	24.0	10.7	10.7	11.5	16.0	11.0	—	3	
K14	K14	32.0	13.4	13.4	14.2	24.0	14.0	28.4	5	
	K16	32.0	13.4	13.4	14.2	24.0	16.5	28.4	5	

*: tolerance ±0.3

◆ REEL DIMENSIONS [mm]

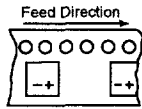


◆ QUANTITY PER REEL/BOX

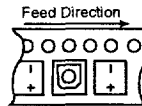
Series	Case code	Quantity (pcs/reel)	Quantity (pcs/box)	W ₁ (mm)
Alchip® MFS/MFA MF/MFK MFY/MFJ	A6	3,000	15,000	14
	B46, B6	3,000	15,000	14
	C46, C6	2,500	12,500	14
	D46, D6	2,500	12,500	14
	D8, D80, D10	2,500	12,500	18
	D13	2,500	7,500	26
	PX (Horizontal) E8	2,000	10,000	18
	H15	500	1,500	26
	H20	500	1,000	34
	H25	500	1,000	46
Alchip® MVS/MVA MV/MVK MVY/MVJ MVH/MVE /MVL	B55	2,000	10,000	14
	D46, D55, D60	2,000	10,000	14
	E46, E55, E60	1,000	5,000	14
	F46, F55, F60	1,000	5,000	18
	F80	900	4,500	18
	H63	1,000	5,000	18
	H70, H10	500	1,500	26
	J80, J10	500	1,500	26
	PX (Vertical) K14	200	600	34
	K16	150	450	34

◆ POLARITY

Alchip® MFS/MFA/MF
(Horizontal) MFK/MFY/MFJ
PX/MFZ/MFX

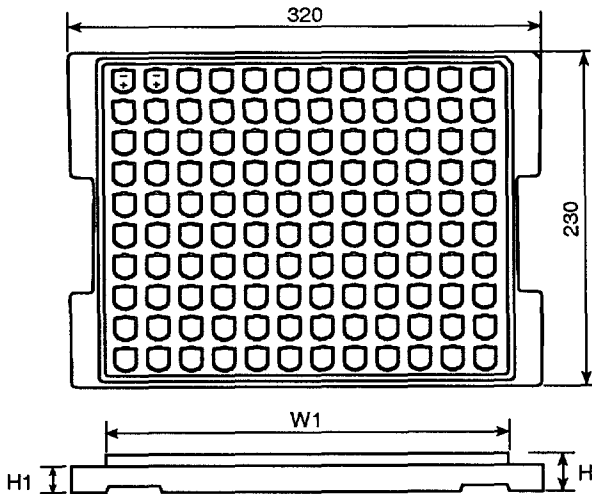


Alchip® MVS/MV/MVK
(Vertical) MVY/MVJ/MVH/
MVE/MVL/PX

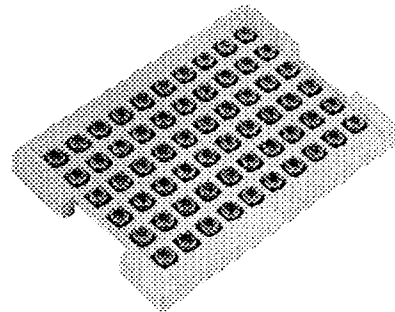


SURFACE MOUNT TYPE (TRAY)

◆ DIMENSIONS [mm]



Case code	H [mm]	W ₁ [mm]	H ₁ [mm]
K14 & K16	21.0	284	18.5
L17 & L22	28.0	284	24.0
M17 & M22	28.0	284	24.0



◆ QUANTITY PER TRAY

Case code	Quantity (pcs/tray)	Quantity (pcs/box)
K14 & K16	120	600
L17 & L22	80	400
M17 & M22	60	300

◆ TRAY CODE

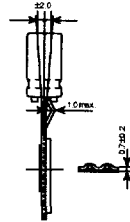
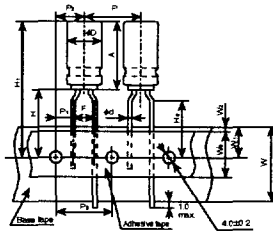
Example

Capacitor's D/N TR
MVE6.3VC 4700M L22TR

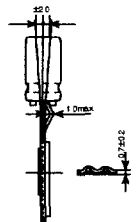
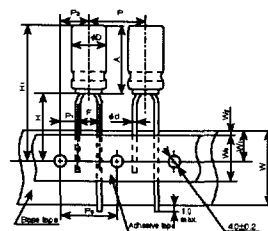
RADIAL LEAD TYPE

◆ CARRIER TAPE [mm]

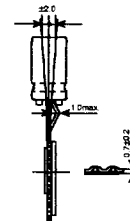
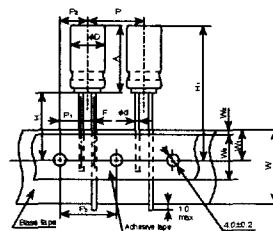
$\phi D = \phi 3$ to 8



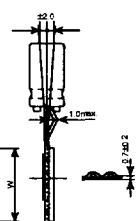
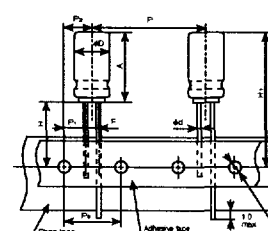
$\phi D = \phi 5$
 $\phi D \times L = \phi 4 \times 7$



$\phi D = \phi 6.3$ to 8
 $\phi D = \phi 10$ & 12.5



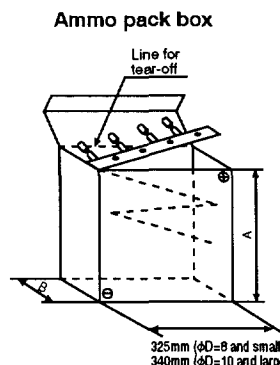
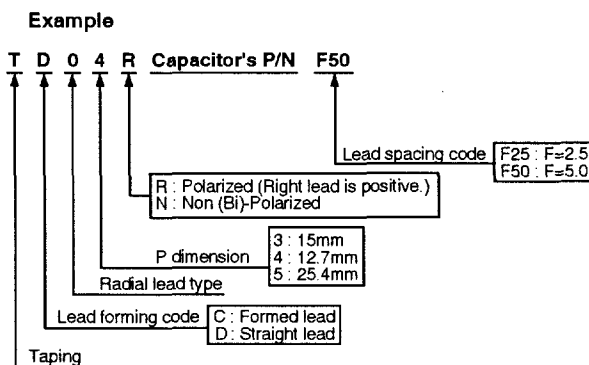
$\phi D = \phi 12.5$



Code	Case size		ϕd	P	P_0	P_1	P_2	F	W	W_0	W_1	W_2	H	H_0	H_1	Fig.	Taping code
	ϕD	A															
tol.	—	—	± 0.05	± 1.0	± 0.2	± 0.7	± 1.0	$+0.8$ -0.2	± 0.5	min.	± 0.5	max.	± 0.75	± 0.5	—	—	—
Nominal	3	5	0.4	12.7	12.7	5.1	6.35	2.5	18.0	6.0	9.0	1.5	17.5	16.0	—	1	TC04R F25
	3.5	5	0.4	12.7	12.7	5.1	6.35	2.5	18.0	6.0	9.0	1.5	17.5	16.0	—	1	TC04R F25
	4	5 to 7	0.45	12.7	12.7	$\frac{5.1}{3.85}$	6.35	$\frac{2.5}{5}$	18.0	6.0	9.0	1.5	17.5	16.0	—	2	TD04R F25
		9 to 11.5	0.45	12.7	12.7	$\frac{5.1}{3.85}$	6.35	$\frac{2.5}{5}$	18.0	10.0	9.0	1.5	17.5	16.0	—	1	TC04R F25
	5	5 to 7	0.45	12.7	12.7	$\frac{5.1}{3.85}$	6.35	$\frac{2.5}{5}$	18.0	6.0	9.0	1.5	18.5	—	—	2	TD04R F25
		9 to 15	0.5	12.7	12.7	$\frac{5.1}{3.85}$	6.35	$\frac{2.5}{5}$	18.0	10.0	9.0	1.5	18.5	16.0	—	1	TC04R F50
	6.3	5 to 7	0.45	12.7	12.7	$\frac{5.1}{3.85}$	6.35	$\frac{2.5}{5}$	18.0	6.0	9.0	1.5	18.5	16.0	—	2	TD04R F25
		9 to 15	0.5	12.7	12.7	$\frac{5.1}{3.85}$	6.35	$\frac{2.5}{5}$	18.0	10.0	9.0	1.5	18.5	16.0	—	1	TC04R F50
	7	5 to 7	0.45	12.7	12.7	$\frac{5.1}{3.85}$	6.35	$\frac{2.5}{5}$	18.0	6.0	9.0	1.5	18.5	16.0	—	3	TD04R F25
		9 to 15	0.5	12.7	12.7	$\frac{5.1}{3.85}$	6.35	$\frac{2.5}{5}$	18.0	10.0	9.0	1.5	18.5	16.0	—	1	TC04R F50
	8	5	0.45	12.7	12.7	$\frac{5.1}{3.85}$	6.35	$\frac{2.5}{5}$	18.0	6.0	9.0	1.5	17.5	16.0	—	3	TD04R F25
		7	0.45	12.7	12.7	$\frac{5.1}{3.85}$	6.35	$\frac{2.5}{5}$	18.0	6.0	9.0	1.5	17.5	16.0	—	1	TC04R F50
9 to 20		0.6	12.7	12.7	$\frac{5.1}{3.85}$	6.35	$\frac{2.5}{5}$	18.0	10.0	9.0	1.5	20.0	16.0	—	1	TC04R F50	
tol.	± 0.5	max.	± 0.05	± 1.0	± 0.3	± 0.7	± 1.3	$+0.8$ -0.2	± 0.5	min.	± 0.5	max.	$+2.0$ -0	—	—	—	—
Nominal	10	21	0.6	12.7	12.7	3.85	6.35	5	18.0	12.5	9.0	1.5	18.0	—	—	3	TD04R F50 H18
	12.5	26	0.6	15	15	5.0	7.5	5	18.0	12.5	9.0	1.5	18.0	—	—	3	TD03R F50 H18
			0.6	25.4	12.7	3.85	6.35	5	18.0	12.5	9.0	1.5	18.0	—	—	4	TD05R F50 H18

* 1 : For $\phi 4 \times 7$ (A=7, F=25), shall be 18.5^{-0.5/+0.75} (code : TD04R F25) at Fig.2.

* 2 : P=15 taping is not standard. Use P=25.4 taping.



Typical example

Case size $\phi D \times L$ (mm)	A (mm)	B (mm)	Quantity (pcs.)
$\phi 3$	210	45	3,000
$\phi 3.5$	230	45	3,000
$\phi 4$	L=5 to 9mm	186	45
	L=11.5mm	190	54
$\phi 5$	L=5 & 7mm	218	45
	L=9 to 17mm	236	54
$\phi 6.3$	L=5 & 7mm	282	45
	L=9 to 17mm	284	54
$\phi 7$	174	45	1,000
$\phi 8$	L=5 & 7mm	236	45
	L=9 to 17mm	236	54
	L=20 to 22mm	236	62
$\phi 10$	L=9 to 25mm	308	62
	L=30 to 40mm	308	67
$\phi 12.5$	308	67	500