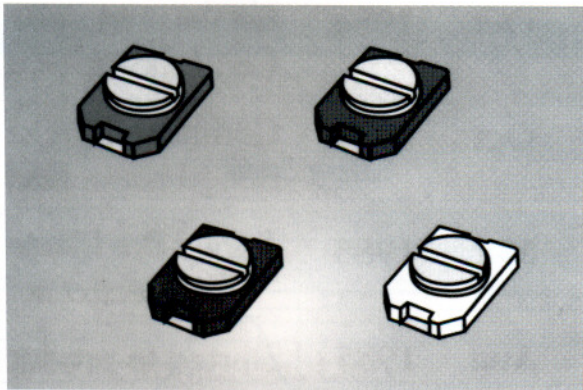




CVS3 SERIES

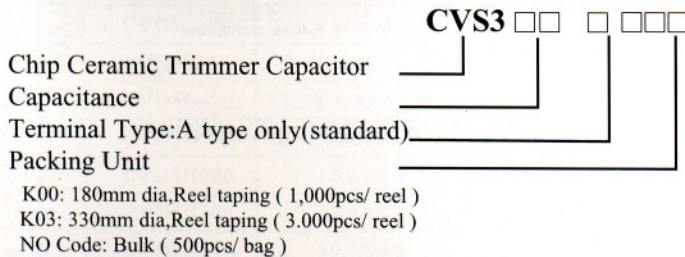


FEATURES :

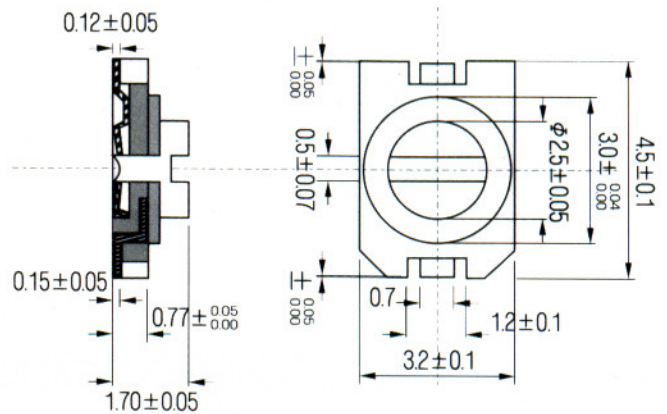
- Miniature and low profile capacitors with external deminsions of 3.2 (W) x 4.5 (L) x 1.7 (H) mm.
- Color-coded case according to its capacitance range for easy visual identification.
- Mountable by an automatic placer.
- Reflow soldering applicable.
- Easy adjustment using a conventional screwdriver.

Ceramic Trimmer Capacitors, CVS3 Series have been developed for higher density surface mounting in electronic devices, and is suited to miniature, low profile capacitors with many useful features.

HOW TO ORDER



OUTLINE DRAWING & DIMENSIONS (mm)



Specifications

- Operating Temperature Range: -25°C ~ +85°C
- Rated Working Voltage: 100V DC
- Dielectric Withstanding Voltage: 220VDC
- Insulation Resistance: 10⁴M ohm min.
- Rotation Torque: 15~100g.cm

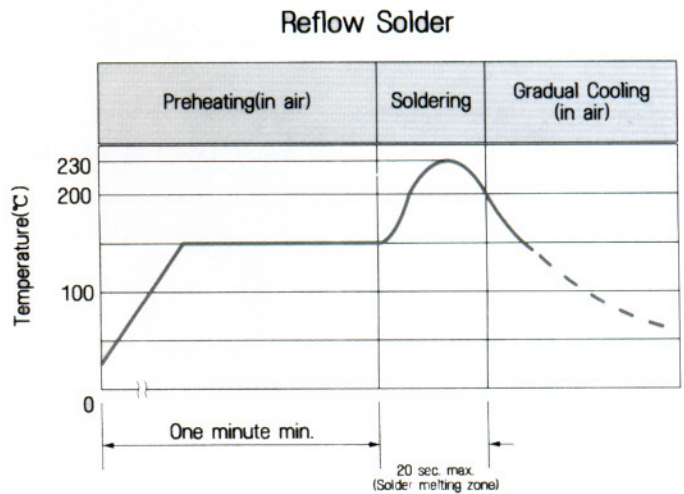
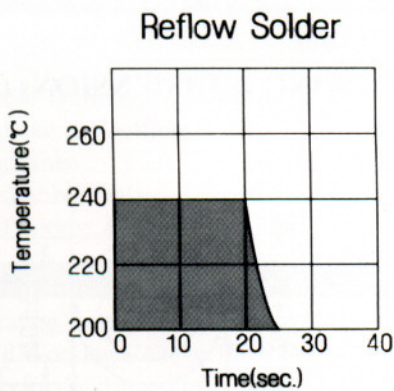
RATINGS

Part Number	Capacitance (pF)		Temperature Coefficient (ppm/°C)	Q (1MHz, Cmax.) (min.)	Case Color
	Min. (+0%)	Max. (+100% / - 0%)			
CVS303 □□□□	1.7	3.0	NP0 +/- 300	300	Blue
CVS306 □□□□	2.5	6.0	NP0 +/- 300	500	Blue
CVS310 □□□□	3.5	10.0	N 750 +/- 300	500	White
CVS320 □□□□	5.5	20.0	N 1200 +/- 500	300	Red
CVS330 □□□□	7.5	30.0	N160 +/- 500	300	Green



SOLDERING CONDITIONS

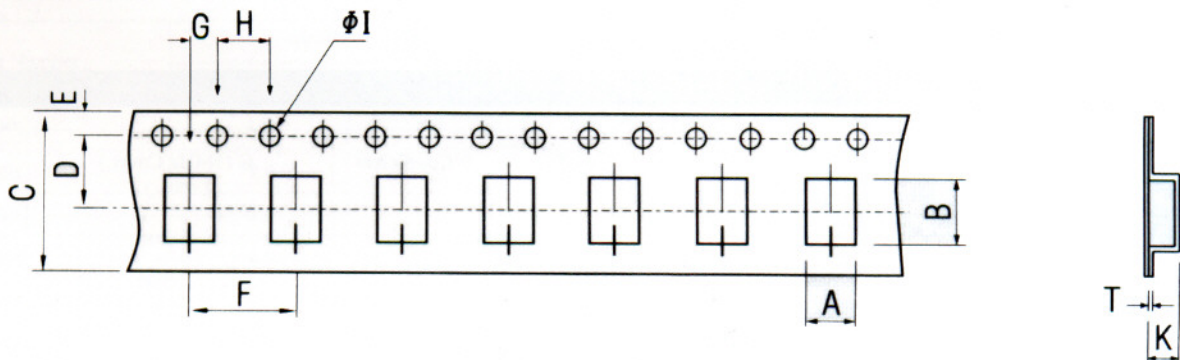
Soldering temperature and time to solder within the range indicated the slanted line. If soldering is repeated, please note that the allowed time is the accumulated time.



Standard Soldering Conditions

DIMENSIONS OF PLASTIC TAPING

Carrier Tape



(Unit : mm)

A	B	C	D	E	F	G	H	K	T	I
3.6±0.1	4.9±0.1	12.0±0.3	5.5±0.1	1.75±0.1	8.0±0.1	2.0±0.1	4.0±0.1	2.3±0.1	0.3±0.05	1.5±0.1



TRIMMING CAPACITOR

CROSS REFERENCE

CVS3 Series	BARONS		MURATA	KYOCERA	MATSUSHITA (Panasonic)
	Part No.	Cap. Value	PART NO.	PART NO.	PART NO.
	CVS303	1.7/3.0	TZC03Z030A	CTZ3□-03A	ECRKN003A
	CVS306	2.5/6.0	TZC03Z060A	CTZ3□-05A	ECRKN006A
	CVS306	2.5/6.0	TZC03Z060A	CTZ3□-05C	ECRKN006A
	CVS310	3.5/10.0	TZC03R100A	CTZ3□-10C	ECRKN010C
	CVS320	5.5/20.0	TZC03P200A	CTZ3□-20C	ECRKN020E
	CVS330	7.5/30.0	TZC03P300A	CTZ3□-30C	ECRKN030G

CVO5 Series	BARONS		MURATA	KYOCERA	MATSUSHITA (Panasonic)
	Part No.	Cap. Value	PART NO.	PART NO.	PART NO.
	CVO5A030	1.0/3.0			ECV1ZW02X
	CVO5A050	2.0/5.0			ECV1ZW04X
	CVO5B100	3.0/10.0			ECV1ZW08X
	CVO5C200	4.8/20.0			
	CVO5E300	5.5/30.0			ECV1ZW30X
	CVO5G400	6.8/40.0			ECV1ZW40X
	CVO5G500	9.0/50.0			
	CVO5H600	12.0/60.0			
	CVO5H700	14.0/70.0			
	CVO5H900	16.0/90.0			ECV1ZW90X

CVN6 Series	BARONS		MURATA	KYOCERA	MATSUSHITA (Panasonic)
	Part No.	Cap. Value	PART NO.	PART NO.	PART NO.
	CV□6A005	2.0/5.0			
	CV□6A007	2.0/7.0	TZ03Z070		
	CV□6B010	2.1/10.0	TZ03N100		
	CV□6C010	3.0/10.0	TZ03Z100		
	CV□6A011	3.0/11.0			
	CV□6C011	3.0/11.0	TZ03T110		
	CV□6C020	4.2/20.0	TZ03T200		
	CV□6D020	4.2/20.0	TZ03R200		
	CV□6DT30	5.2/30.0	TZ03R300		
	CV□6D030	6.2/30.0			
	CV□6E040	6.8/40.0	TZ03P450		
	CV□6E050	9.8/50.0			
	CV□6E060	10.2/60.0	TZ03P600		
	CV□6E070	13.0/70.0			
	CV□6E090	20.0/90.0			
	CV□6E120	25.0/120.0			