

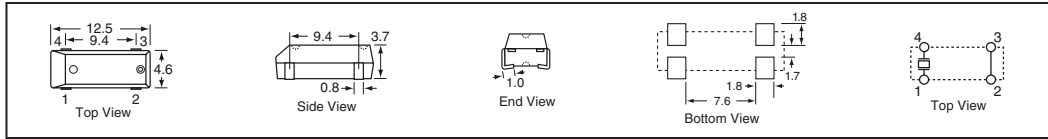


ECX-3S Series Surface Mount Quartz Crystals



Electrical Characteristics:

- Frequency Tolerance: ±30ppm
- Shunt Capacitance: 7pF
- Drive Level: 100µW
- Operating Temperature: -10°C ~ 70°C
- Storage Temperature: -40°C ~ 85°C
- Operating Mode: Fundamental



Frequency (MHz)	Load Cap.	Digi-Key Part No.	Cut Tape Price Each			Tape and Reel Pricing† 1,000	ECS Part No.
			1	10	100		
ECX-3S							
3.579545	Series	XC529CT-ND	1.63	1.36	1.09	810.81	ECS-35-S-7S-TR
3.579545	17pF	XC501CT-ND‡	1.63	1.36	1.09	810.81	ECS-35-17-7S-TR
3.686400	Series	XC502CT-ND‡	1.63	1.36	1.09	810.81	ECS-36-S-7S-TR
3.686400	20pF	XC503CT-ND‡	1.63	1.36	1.09	810.81	ECS-36-20-7S-TR
4.000000	Series	XC504CT-ND‡	1.63	1.36	1.09	810.81	ECS-40-S-7S-TR
4.000000	20pF	XC505CT-ND‡	1.63	1.36	1.09	810.81	ECS-40-20-7S-TR
4.096000	16pF	XC500CT-ND	1.63	1.36	1.09	810.81	ECS-41-16-7S-TR
4.194304	12pF	XC530CT-ND	1.63	1.36	1.09	810.81	ECS-42-12-7S-TR
4.433618	20pF	XC506CT-ND‡	1.63	1.36	1.09	810.81	ECS-44-20-7S-TR
4.915200	Series	XC507CT-ND‡	1.63	1.36	1.09	810.81	ECS-49-S-7S-TR
4.915200	20pF	XC508CT-ND‡	1.63	1.36	1.09	810.81	ECS-49-20-7S-TR
5.000000	20pF	XC499CT-ND	1.63	1.36	1.09	810.81	ECS-50-20-7S-TR
6.000000	Series	XC497CT-ND	1.63	1.36	1.09	810.81	ECS-60-S-7S-TR
6.000000	32pF	XC498CT-ND	1.63	1.36	1.09	810.81	ECS-60-32-7S-TR
6.144000	32pF	XC509CT-ND‡	1.63	1.36	1.09	810.81	ECS-61-32-7S-TR
6.553600	12pF	XC496CT-ND	1.63	1.36	1.09	810.81	ECS-65-12-7S-TR
7.372800	Series	XC510CT-ND‡	1.63	1.36	1.09	810.81	ECS-73-S-7S-TR
7.372800	20pF	XC536CT-ND	1.63	1.36	1.09	810.81	ECS-73-20-7S-TR
8.000000	Series	XC511CT-ND‡	1.63	1.36	1.09	810.81	ECS-80-S-7S-TR
8.000000	16pF	XC495CT-ND	1.63	1.36	1.09	810.81	ECS-80-16-7S-TR
9.830400	Series	XC512CT-ND‡	1.63	1.36	1.09	810.81	ECS-98.3-S-7S-TR
9.830400	20pF	XC513CT-ND‡	1.63	1.36	1.09	810.81	ECS-98.3-20-7S-TR
10.000000	Series	XC514CT-ND‡	1.63	1.36	1.09	810.81	ECS-100-S-7S-TR
11.059200	Series	XC515CT-ND‡	1.63	1.36	1.09	810.81	ECS-110.5-S-7S-TR
11.059200	20pF	XC516CT-ND‡	1.63	1.36	1.09	810.81	ECS-110.5-20-7S-TR
12.000000	Series	XC517CT-ND‡	1.63	1.36	1.09	810.81	ECS-120-S-7S-TR
12.000000	18pF	XC548CT-ND	1.63	1.36	1.09	810.81	ECS-120-18-7S-TR
12.000000	32pF	XC494CT-ND	1.63	1.36	1.09	810.81	ECS-120-32-7S-TR
12.288000	Series	XC518CT-ND‡	1.63	1.36	1.09	810.81	ECS-122.8-S-7S-TR
12.288000	20pF	XC493CT-ND	1.63	1.36	1.09	810.81	ECS-122.8-20-7S-TR
14.318180	Series	XC519CT-ND‡	1.63	1.36	1.09	810.81	ECS-143-S-7S-TR
14.318180	20pF	XC492CT-ND	1.63	1.36	1.09	810.81	ECS-143-20-7S-TR
14.745600	Series	XC520CT-ND‡	1.63	1.36	1.09	810.81	ECS-147.4-S-7S-TR
14.745600	20pF	XC491CT-ND	1.63	1.36	1.09	810.81	ECS-147.4-20-7S-TR
16.000000	Series	XC521CT-ND‡	1.63	1.36	1.09	810.81	ECS-160-S-7S-TR
16.000000	20pF	XC550CT-ND	1.63	1.36	1.09	810.81	ECS-160-20-7S-TR
18.432000	Series	XC522CT-ND‡	1.63	1.36	1.09	810.81	ECS-184-S-7S-TR
19.668000	Series	XC523CT-ND‡	1.63	1.36	1.09	810.81	ECS-196.6-S-7S-TR
19.668000	20pF	XC490CT-ND	1.63	1.36	1.09	810.81	ECS-196.6-20-7S-TR
20.000000	Series	XC524CT-ND‡	1.63	1.36	1.09	810.81	ECS-200-S-7S-TR
20.000000	16pF	XC489CT-ND	1.63	1.36	1.09	810.81	ECS-200-16-7S-TR
20.000000	20pF	XC525CT-ND‡	1.63	1.36	1.09	810.81	ECS-200-20-7S-TR
23.592000	Series	XC559CT-ND	1.63	1.36	1.09	810.81	ECS-235.92-S-7S-TR
24.000000	Series	XC526CT-ND‡	1.63	1.36	1.09	810.81	ECS-240-S-7S-TR

† For Tape and Reel part number, change CT-ND to TR-ND.

‡ XC-KIT-ND Digi-Key® SMT Low Profile Quartz Crystal Kit 3 each of values denoted (78 total pieces). Notebook style storage case and bin storage guide included 135.34



Surface Mount Quartz Crystals

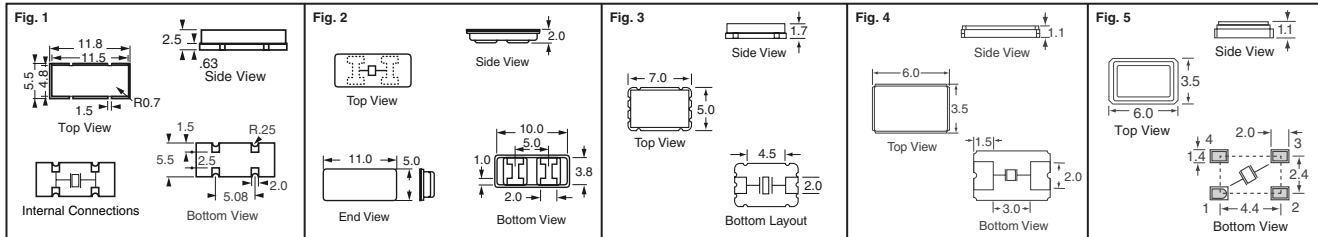


Fig.	Maximum ESR (Ohm)	Load Cap.	Frequency (MHz)	Digi-Key Part No.	Cut Tape Price Each				Digi-Key Part No.	Tape and Reel Pricing 1,000	ECS Part No.
					1	10	100	500			
CSM-12, -40° ~ 85°C											
1	200	17pF	3.579545	XC584CT-ND	1.56	1.41	1.18	.94	XC584TR-ND	780.78	ECS-35-17-18-TR
	200	18pF	3.686400	XC1709CT-ND	1.56	1.41	1.18	.94	XC1709TR-ND	780.78	ECS-36-18-18-TR
	200	20pF	3.686400	XC586CT-ND	1.56	1.41	1.18	.94	XC586TR-ND	780.78	ECS-36-20-18-TR
	200	Series	3.686400	XC585CT-ND	1.56	1.41	1.18	.94	XC585TR-ND	780.78	ECS-36-S-18-TR
	150	18pF	4.000000	XC1707CT-ND	1.56	1.41	1.18	.94	XC1707TR-ND	780.78	ECS-40-18-18-TR
	150	20pF	4.000000	XC587CT-ND	1.56	1.41	1.18	.94	XC587TR-ND	780.78	ECS-40-20-18-TR
	150	Series	4.000000	XC588CT-ND	1.56	1.41	1.18	.94	XC588TR-ND	780.78	ECS-40-S-18-TR
	150	18pF	4.096000	XC1722CT-ND	1.56	1.41	1.18	.94	XC1722TR-ND	780.78	ECS-41-18-18-TR
	150	18pF	4.915200	XC1718CT-ND	1.56	1.41	1.18	.94	XC1718TR-ND	780.78	ECS-49-18-18-TR
	150	20pF	4.915200	XC589CT-ND	1.56	1.41	1.18	.94	XC589TR-ND	780.78	ECS-49-20-18-TR
	150	Series	4.915200	XC590CT-ND	1.56	1.41	1.18	.94	XC590TR-ND	780.78	ECS-49-S-18-TR
	150	18pF	5.000000	XC1720CT-ND	1.56	1.41	1.18	.94	XC1720TR-ND	780.78	ECS-50-18-18-TR
	100	18pF	6.000000	XC1708CT-ND	1.56	1.41	1.18	.94	XC1708TR-ND	780.78	ECS-60-18-18-TR
	100	32pF	6.144000	XC591CT-ND	1.56	1.41	1.18	.94	XC591TR-ND	780.78	ECS-61-32-18-TR
	100	18pF	7.372800	XC1714CT-ND	1.56	1.41	1.18	.94	XC1714TR-ND	780.78	ECS-73-18-18-TR
	100	Series	7.372800	XC592CT-ND	1.56	1.41	1.18	.94	XC592TR-ND	780.78	ECS-73-S-18-TR

* 3rd Overtone

(Continued)

Digi-Reel® Most SMT cutdown parts are available on a Digi-Reel®. For Digi-Reel part number, change 1-ND to 6-ND or CT-ND to DKR-ND. See Digi-Key® Services on page 2 for additional information.

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