

# ABRACON Ceramic Resonators and SAW Products



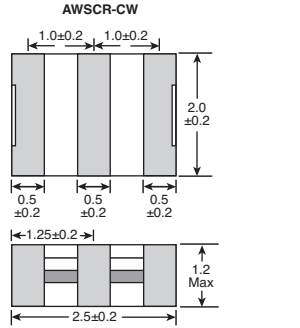
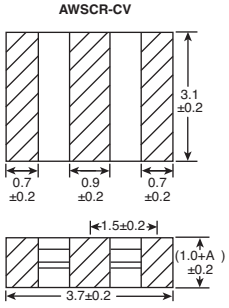
## AWSER SERIES BUILT-IN CAP, CERAMIC RESONATORS, SMD

RoHS Compliant This product is RoHS compliant.

### Features:

- Frequency tolerance:  $\pm 0.5\%$
- Operating temperature:  $-25^{\circ}\text{C}$  to  $+85^{\circ}\text{C}$
- Industrial grade

RoHS Compliant



A stands for the thickness of the ceramic element, which varies with the frequency

DIMENSIONS: mm

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Abracon Part No.	Freq. (MHz)	Price Each				Reel Qty.	Price Per Piece
			1	10	100	500		
<b>3.7mm x 3.1mm</b>								
815-AWSCR-8.00CV-T	AWSCR-8.00CV-T	8.0000	.39	.34	.24	.209	1000	.154
815-AWSCR-10.00CV-T	AWSCR-10.00CV-T	10.0000	.47	.40	.29	.24	1000	.182
815-AWSCR-11.00CV-T	AWSCR-11.00CV-T	11.0000	.47	.40	.29	.24	1000	.182
815-AWSCR-12.00CV-T	AWSCR-12.00CV-T	12.0000	.43	.32	.27	.228	1000	.168
815-AWSCR-16.00CV-T	AWSCR-16.00CV-T	16.0000	.43	.37	.27	.228	1000	.168
815-AWSCR-16.93CV-T	AWSCR-16.93CV-T	16.9300	.43	.37	.27	.228	1000	.168
815-AWSCR-18.43CV-T	AWSCR-18.43CV-T	18.4300	.43	.37	.27	.228	1000	.168
815-AWSCR-20.00CV-T	AWSCR-20.00CV-T	20.0000	.43	.37	.27	.228	1000	.168
815-AWSCR-24.00CV-T	AWSCR-24.00CV-T	24.0000	.47	.40	.29	.24	1000	.182
815-AWSCR-25.00CV-T	AWSCR-25.00CV-T	25.0000	.47	.40	.29	.24	1000	.182
815-AWSCR-27.00CV-T	AWSCR-27.00CV-T	27.0000	.47	.40	.29	.24	1000	.182
815-AWSCR-30.00CV-T	AWSCR-30.00CV-T	30.0000	.53	.46	.33	.285	1000	.21
815-AWSCR-32.00CV-T	AWSCR-32.00CV-T	32.0000	.53	.46	.33	.285	1000	.21
815-AWSCR-40.00CV-T	AWSCR-40.00CV-T	40.0000	.57	.50	.36	.304	1000	.224
815-AWSCR-48.00CV-T	AWSCR-48.00CV-T	48.0000	.57	.50	.36	.304	1000	.224
815-AWSCR-50.00CV-T	AWSCR-50.00CV-T	50.0000	.57	.50	.36	.304	1000	.224
<b>2.5mm x 2.0mm</b>								
815-AWSCR-20.00CW-T	AWSCR-20.00CW-T	20.0000	.46	.41	.29	.245	3000	.175
815-AWSCR-24.00CW-T	AWSCR-24.00CW-T	24.0000	.46	.41	.29	.245	3000	.175
815-AWSCR-25.00CW-T	AWSCR-25.00CW-T	25.0000	.46	.41	.29	.245	3000	.175
815-AWSCR-27.00CW-T	AWSCR-27.00CW-T	27.0000	.46	.41	.29	.245	3000	.175
815-AWSCR-30.00CW-T	AWSCR-30.00CW-T	30.0000	.50	.44	.315	.25	3000	.189
815-AWSCR-32.00CW-T	AWSCR-32.00CW-T	32.0000	.50	.44	.315	.25	3000	.189
815-AWSCR-33.00CW-T	AWSCR-33.00CW-T	33.0000	.50	.44	.315	.25	3000	.189
815-AWSCR-40.00CW-T	AWSCR-40.00CW-T	40.0000	.50	.44	.315	.25	3000	.189
815-AWSCR-48.00CW-T	AWSCR-48.00CW-T	48.0000	.61	.54	.381	.322	3000	.229

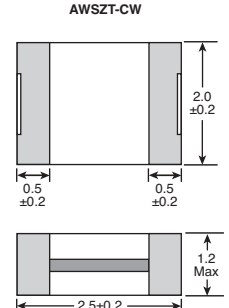
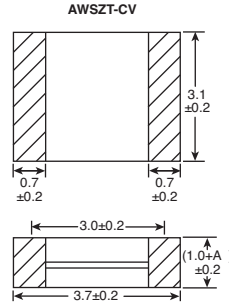


## AWSZT SERIES CERAMIC RESONATORS, SMD

### Features:

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- Industrial grade

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			1	10	100	500		
<b>3.7mm x 3.1mm</b>								
815-AWSZT-8.00CV-T	AWSZT-8.00CV-T	8.0000	.43	.37	.27	.228	1000	.168
815-AWSZT-10.00CV-T	AWSZT-10.00CV-T	10.0000	.43	.37	.27	.228	1000	.168
815-AWSZT-11.00CV-T	AWSZT-11.00CV-T	11.0000	.43	.37	.27	.228	1000	.168
815-AWSZT-12.00CV-T	AWSZT-12.00CV-T	12.0000	.43	.37	.27	.228	1000	.168
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815-AWSZT-20.00CV-T	AWSZT-20.00CV-T	20.0000	.43	.37	.27	.228	1000	.168
815-AWSZT-24.00CV-T	AWSZT-24.00CV-T	24.0000	.43	.37	.27	.228	1000	.168
815-AWSZT-25.00CV-T	AWSZT-25.00CV-T	25.0000	.43	.37	.27	.228	1000	.168
815-AWSZT-27.00CV-T	AWSZT-27.00CV-T	27.0000	.43	.37	.27	.228	1000	.168
815-AWSZT-30.00CV-T	AWSZT-30.00CV-T	30.0000	.53	.46	.33	.285	1000	.21
815-AWSZT-32.00CV-T	AWSZT-32.00CV-T	32.0000	.53	.46	.33	.285	1000	.21
815-AWSZT-40.00CV-T	AWSZT-40.00CV-T	40.0000	.57	.50	.36	.304	1000	.224
815-AWSZT-48.00CV-T	AWSZT-48.00CV-T	48.0000	.57	.50	.36	.304	1000	.224
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<b>2.5mm x 2.0mm</b>								
815-AWSZT-20.00CW-T	AWSZT-20.00CW-T	20.0000	.46	.41	.29	.245	3000	.175
815-AWSZT-24.00CW-T	AWSZT-24.00CW-T	24.0000	.46	.41	.29	.245	3000	.175
815-AWSZT-25.00CW-T	AWSZT-25.00CW-T	25.0000	.46	.41	.29	.245	3000	.175
815-AWSZT-27.00CW-T	AWSZT-27.00CW-T	27.0000	.46	.41	.29	.245	3000	.175
815-AWSZT-30.00CW-T	AWSZT-30.00CW-T	30.0000	.46	.41	.29	.245	3000	.175
815-AWSZT-32.00CW-T	AWSZT-32.00CW-T	32.0000	.46	.41	.29	.245	3000	.175
815-AWSZT-33.00CW-T	AWSZT-33.00CW-T	33.0000	.50	.44	.315	.25	3000	.189
815-AWSZT-40.00CW-T	AWSZT-40.00CW-T	40.0000	.50	.44	.315	.25	3000	.189
815-AWSZT-48.00CW-T	AWSZT-48.00CW-T	48.0000	.57	.50	.36	.304	1000	.224



## SAW FILTERS



RoHS Compliant

For quantities of 500 and up, call for quote.

MOUSER STOCK NO.	Abracon Part No.	Fig.	Center Frequency (MHz)	Bandwidth (MHz)	Insertion Loss (dB)	Price Each			
						1	10	50	100
815-AFS303.825E	AFS303.825E	A	303.825	$\pm 0.3$	3.0	1.35	.98	.83	.81
815-AFS315E	AFS315E	A	315	$\pm 0.3$	3.0	1.35	.98	.83	.81
815-AFS374E	AFS374E	A	374	$\pm 7$	9.5	1.35	.98	.83	.81
815-AFS390E	AFS390E	A	390	$\pm 0.4$	1.7	1.35	.98	.83	.81
815-AFS418S3	AFS418S3	B	418	$\pm 2$	2.5	1.35	.98	.83	.81
815-AFS434S3	AFS434S3	B	434	$\pm 2$	2.5	1.35	.98	.83	.81
815-AFS868.35S3	AFS868.35S3	B	868	$\pm 1$	3.5	1.35	.98	.83	.81
815-AFS869S3	AFS869S3	B	869	$\pm 4$	4.5	1.35	.98	.83	.81
815-AFS915S3	AFS915S3	B	915	$\pm 3.5$	2.9	1.35	.98	.83	.81
815-AFS916.5S3	AFS916.5S3	B	916.5	$\pm 0.6$	4.5	1.35	.98	.83	.81
815-AFS930S3	AFS930S3	B	930	$\pm 2$	2.8	1.35	.98	.83	.81
815-AFS1575.42S4	AFS1575.42S4	C	1575.42	$\pm 1.2$	1.5	1.51	1.10	.94	.91
815-AFS1842.5S4	AFS1842.5S4	C	1842.5	$\pm 37.5$	2.5	1.51	1.10	.94	.91
815-AFS1960S4	AFS1960S4	C	1960	$\pm 30$	3.0	4.02	2.92	2.48	2.42



## SAW RESONATORS



RoHS Compliant

For quantities of 500 and up, call for quote.

MOUSER STOCK NO.	Abracon Part No.	Fig.	Center Frequency (MHz)	Bandwidth (MHz)	Insertion Loss (dB)	Price Each			
						1	10	50	100
815-ASR303.825E	ASR303.825E	A	303.825	$\pm 75$	1.3	1.29	1.06	.80	.78
815-ASR315E	ASR315E	A	315	$\pm 75$	1.3	1.29	1.06	.80	.78
815-ASR390E	ASR390E	A	390	$\pm 75$	1.3	1.29	1.06	.80	.78
815-ASR423.22E	ASR423.22E	A	423.22	$\pm 75$	1.3	1.29	1.06	.80	.78
815-ASR433.42E	ASR433.42E	A	433.42	$\pm 75$	1.3	1.29	1.06	.80	.78
815-ASR433.92E	ASR433.92E	A	433.92	$\pm 75$	1.3	1.29	1.06	.80	.78
815-ASR868.35E	ASR868.35E	A	868.35	$\pm 250$	1.5	1.29	1.06	.80	.78
815-ASR915E	ASR915E	A	915	$\pm 250$	1.5	1.29	1.06	.80	.78

