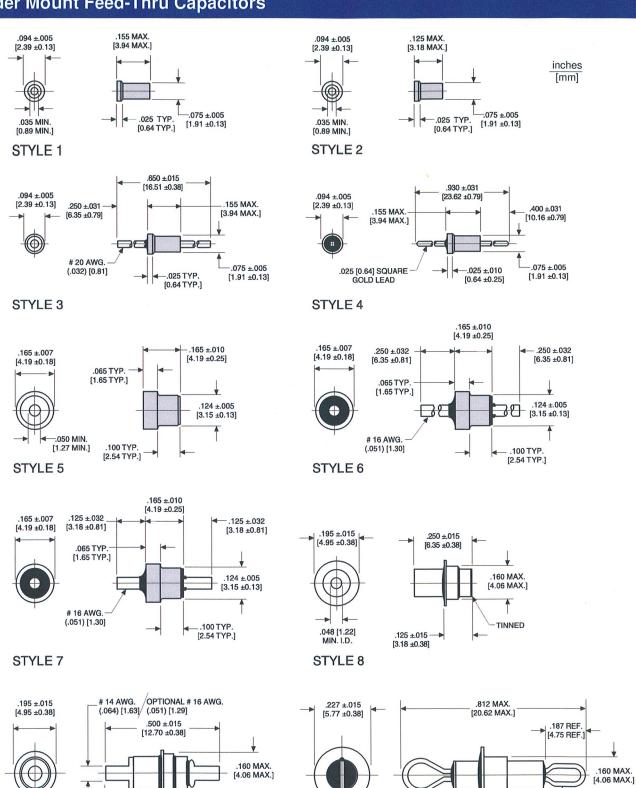


Solder Mount Feed-Thru Capacitors



125 ±.015

.380 ±.015

[9.65 ±0.38]

24 AWG.

(.020) [0.51]

[3.18 ±0.38]

STYLE 10

.125 ±.015 -

[3.18 ±0.38]

STYLE 9

.125 ±.015

[3.18 ±.0.38]

.250 ±.015 [6.35 ±0.38]

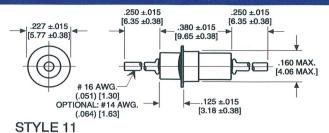
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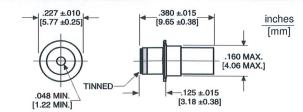
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Ph: 520-744-0400 Fax: 520-744-6155

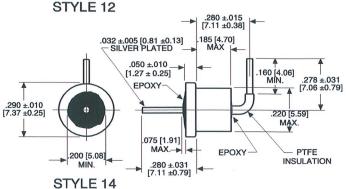
Web site: www.tusonix.com E-mail: sales@tusonix.com

Solder Mount Feed-Thru Capacitors





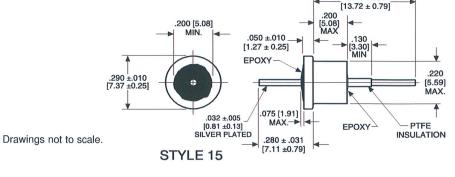
.328 ±.031 [8.33 ±0.79] .344 ±.031 [8.74 ±0.79] .281 ±.015 [7.14 ±0.38] .093 ±.015 -[2.36 ±0.38] .190 MAX. [4.83 MAX.] .050 ±.010 .031 ±.005 .093 ±.015 .062 [1.57] [0.79 ±0.13] [2.36 ±0.38] DIA.



.540 ± .031

STYLE 13

Series Number	Temperature Range	WVDC	MAX. CAP. Nominal (pF)
2404	Z5, Y5, X5	500	7000
2404	X7	250	7000
2482	Z5, Y5, X5	300	4000
2402	X7	150	4000
2450	Z5, Y5, X5	500	1800
2450	X7	250	1800
2461	Z5, Y5, X5	200	1000
2401	X7	100	1000
2463	Z5, Y5, X5	200	2000
2403	X7	100	2000
2470	Z5, Y5, X5	250AC	2000
2470			



Please see temperature Characteristics and EIA Codes on page 25.

●UL Recognized to UL standard 1283; UL File No. E201344

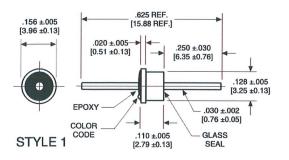
TUSONIX Part	Style	Notes	Circuit	Working Voltage (dc)		Capacitance (pF)	Capacitance Folerance	Current (A)	Typical No-Load Insertion Loss (dB) at 25 ℃ per MIL-Std-220					
Number	St	2	Ö	85°C	125℃	Capa (pF)	Cal	Cur A	1MHz	10MHz	100MHz	1GHz	10GHz	
C Configuration														
2463-001-X5S0-471M	2		С	200		470	±20%				12	27	27	
2463-002-X5S0-471M	3		С	200		470	±20%	10			12	27	27	
2463-003-X5U0-471P	4		С	200		470	+100-0%	10			12	27	27	
2461-000-X7V0-102P	5		C		100	1000	+100-0%			3	20	35	40	
2461-001-X7V0-102AA	6		C		100	1000	GMV	20		3	20	35	40	
2461-002-X7V0-102M	7		C		100	1000	±20%	20		3	20	35	40	
2463-000-X7U0-152P	1		C		100	1500	+100-0%			5	22	35	40	
2463-002-X5U0-152P	3		С	200		1500	+100-0%	10		5	22	35	40	
2463-003-X5U0-152P	4		С	200		1500	+100-0%	10		5	22	35	40	
2482-001-X5U0-471M	9		C	300		470	±20%	20			12	27	27	
2482-012-X5U0-102M	8		С	300		1000	±20%			3	20	35	40	
2482-001-X5U0-102M	9		C	300		1000	±20%	20		3	20	35	40	
2450-001-X5R0-101K	13		С	500		100	±10%	20			3	20	28	
2450-001-X5R0-471M	13		C	500		470	±20%	20			12	27	27	
2404-000-X7R0-471M	11		C		250	470	±20%	20			12	27	27	
2450-001-X5U0-102P	13		C	500		1000	+100-0%	20		3	20	35	40	
2404-000-X5U0-102P	11		C	500		1000	+100-0%	20		3	20	35	40	
2404-014-X5U0-102P	12		C	500		1000	+100-0%			3	20	35	40	
2404-014-X5W0-502M	12		С	500		5000	±20%			15	30	45	50	
2404-000-X5W0-502Z	11		С	500		5000	+80-20%	20		15	30	45	50	
2404-007-X5W0-502Z	10		С	500		5000	+80-20%	15		15	30	45	50	
2470-500●	14		С	250AC		1000	+100-0%	10		3	20	35	40	
2470-501●	15		C	250AC		1000	+100-0%	10		3	20	35	40	

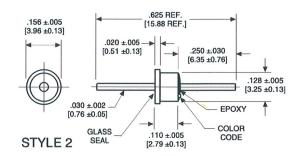
The products listed in this catalog are only a few of the thousands of variations that TUSONIX produces. For custom component design, please contact the factory direct.

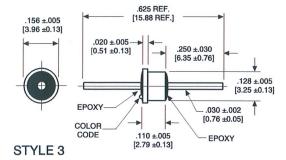


Solder Mount C Filters

4300 Series Miniature EMI Filter MICROWAVE APPLICATIONS:







- Oscillators
- Attenuators
- Low Noise Amplifiers
- Microwave Filters

inches	
[mm]	

TUSONIX Part Number	Style	Circuit	100000000000000000000000000000000000000	king age c)	Capacitance (pF)	Capacitance Folerance	Surrent (A)	Minimum No-Load Insertion Loss (dB) at 25℃ per MIL-Std-220					Color Code
			Manager Control	125℃		Marie And Marie Contraction	\$ €	1MHz	10MHz	100MHz	1GHz	10GHz	
Epoxy Sea	led	Top (f	lange)	Glass	Sealed E	ottom							
4300-005	1	C	70	50	10,000	GMV	5	4	21	35	50	60	BLACK
4300-055	1	C	70	50	10,000	±20%	5	4	21	35	50	60	BLK-GOLD
4300-006	1	C	70	50	15,000	GMV	5	7	20	35	55	60	ORANGE
4300-013	1	C	70	50	27,000	GMV	5	10	28	42	65	65	RED-RED
4300-014	1	С	50	50	50,000	GMV	5	15	35	45	70		BLU-BLU
4300-003	1	С	150	100	2700	GMV	5		10	25	40	50	RED
4300-053	1	C	150	100	2700	±20%	5		10	25	40	50	RED-GOLD
4300-004	1	C	150	100	5000	GMV	5		15	30	45	55	YELLOW
4300-054	1	C	150	100	5000	±20%	5		15	30	45	55	YEL-GOLD
4300-680	1	C	300	200	5	MAX	5						BLK-BLK
4300-008	1	С	300	200	10	GMV	5				5	20	VIOLET
4300-009	1	C	300	200	25	GMV	5				10	25	BLUE
4300-000	1	С	300	200	100	GMV	5			3	20	28	GREEN
4300-050	1	C	300	200	100	±20%	5			3	20	28	GRN-GOLD
4300-001	1	С	300	200	500	GMV	5			15	35	40	BROWN
4300-051	1	C	300	200	500	±20%	5			15	35	40	BRWN-GOLD
4300-007	1	C	300	200	1000	GMV	5		5	20	35	45	GRAY
4300-002	1	C	300	200	1200	GMV	5		5	20	35	45	WHITE
4300-052	1	С	300	200	1200	±20%	5		5	20	35	45	WHT-GOLD

Drawings not to scale.



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Web site: www.tusonix.com E-mail: sales@tusonix.com

Solder Mount C Filters

TUSONIX 4300 Series Miniature EMI Filters

These filters are ideal for applications where small size and high performance are critical. These C configured filters can be glass sealed on either one of the ends for optimal sealing between system compartments or components.



The gold plating on the leads offers excellent conductivity and connective ability using common gold bonding methods. The small package and large range of electrical characteristics of the 4300 Series make it an effective solution for a variety of microwave applications.

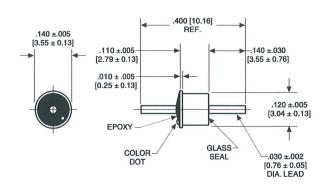
TUSONIX Part	Style	Sircuit	Vol (c	king tage lc)	Capacitance pF)	Capacitance Folerance	Current (A)	Minimum No-Load Insertion Loss (dB) at 25°C per MIL-Std-220				Color Code	
Number	MAKEURIS	Charles and the latest and the lates	COLUMN TO SERVICE STREET	125℃		THE RESIDENCE OF THE PERSON NAMED IN	33	1MHz	10MHz	100MHz	1GHz	10GHz	
Glass Sealed	_												
4300-025	.2	C	70	50	10,000	GMV	5	4	21	35	50	60	BLACK
4300-065	2	С	70	50	10,000	±20%	5	4	21	35	50	60	BLK-GOLD
4300-026	2	С	70	50	15,000	GMV	5	7	20	35	55	60	ORANGE
4300-031	2	С	70	50	27,000	GMV	5	10	28	42	65	65	RED-RED
4300-034	2	С	50	50	50,000	GMV	5	15	35	45	70		BLU-BLU
4300-023	2	С	150	100	2700	GMV	5		10	25	40	50	RED
4300-063	2	С	150	100	2700	±20%	5		10	25	40	50	RED-GOLD
4300-024	2	C	150	100	5000	GMV	5		15	30	45	55	YELLOW
4300-064	2	C	150	100	5000	±20%	5		15	30	45	55	YEL-GOLD
4300-681	2	C	300	200	5	MAX	5						BLK-BLK
4300-028	2	C	300	200	10	GMV	5				5	20	VIOLET
4300-029	2	C	300	200	25	GMV	5				10	25	BLUE
4300-020	2	C	300	200	100	GMV	5			3	20	28	GREEN
4300-060	2	С	300	200	100	±20%	5			3	20	28	GRN-GOLD
4300-021	2	C	300	200	500	GMV	5			15	35	40	BROWN
4300-061	2	С	300	200	500	±20%	5			15	35	40	BRWN-GOLD
4300-027	2	C	300	200	1000	GMV	5		5	20	35	45	GRAY
4300-022	2	C	300	200	1200	GMV	5		5	20	35	45	WHITE
4300-062	2	С	300	200	1200	±20%	5		5	20	35	45	WHT-GOLD
Epoxy Sealed	_	_	-	_	ealed Bott								
4302-005	3	C	70	50	10,000	GMV	10	4	21	35	50	60	BLACK
4302-006	3	C	70	50	15,000	GMV	10	7	20	35	55	60	ORANGE
4302-013	3	С	70	50	27,000	GMV	10	10	28	42	65	65	RED-RED
4302-014	3	С	50	50	50,000	GMV	10	15	35	45	70		BLU-BLU
4302-003	3	C	150	100	2700	GMV	10		10	25	40	50	RED
4302-004	3	С	150	100	5000	GMV	10		15	30	45	55	YELLOW
4302-680	3	С	300	200	5	MAX	10						BLK-BLK
4302-008	3	C	300	200	10	GMV	10				5	20	VIOLET
4302-009	3	C	300	200	25	GMV	10				10	25	BLUE
4302-000	3	C	300	200	100	GMV	10			3	20	28	GREEN
4302-001	3	С	300	200	500	GMV	10			15	35	40	BROWN
4302-007	3	С	300	200	1000	GMV	10		5	20	35	45	GRAY
4302-002	3	С	300	200	1200	GMV	10		5	20	35	45	WHITE



Solder Mount C Filters

4305 Series - Extra Mini EMI Filters







TUSONIX Part	Circuit	Working voltage (dc) 85 C 125 C		Capacitance Capacitance Copacitance Copacitance Copacitance Copacitance Copacitance (A)		Current (A)	M	linimum N (dB) at 2	Color Code			
Number	Ö	85℃	125℃	Cap (pF)	Ca To	3€	1MHz	10MHz	100MHz	1GHz	10GHz	
Epoxy Sealed Top (flange)/ Glass Sealed Bottom												
4305-000	С	300	200	50	+100-0%	5				10	25	BRWN-BROWN
4305-001	С	300	200	100	+100-0%	5			3	20	28	GREEN
4305-002	С	300	200	500	+100-0%	5			15	35	40	BROWN
4305-003	С	150	100	2700	+100-0%	5		10	25	40	50	RED
4305-004	С	150	100	5000	+100-0%	5		15	30	45	55	YELLOW
4305-005	С	300	200	10	+100-0%	5				5	20	VIOLET
4305-006	С	300	200	25	+100-0%	5				10	25	BLUE
4305-007	С	300	200	250	+100-0%	5			5	22	30	YEL-YELLOW
4305-008	С	300	200	1000	+100-0%	5		5	20	35	45	GRAY
4305-009	С	300	200	1500	+100-0%	5		5	22	35	45	GREEN-GREEN
4305-010	С	50	50	10,000	+100-0%	5	4	21	35	50	60	BLACK
4305-011	С	70	50	27,000	+100-0%	5	10	28	42	65	65	RED-RED
4305-012	С	300	200	5	+100-0%	5					5	BLUE-BLUE
4305-680	С	300	200	5	MAX	5						BLACK-BLACK

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