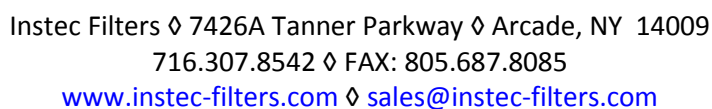


TTE
FILTERS

Instec is now part of TTE Filters.
Please contact TTE for assistance at
+1-716-532-2234, tte@tte.com or
www.tte.com.



610 Series Solder-In Filter/Feedthroughs

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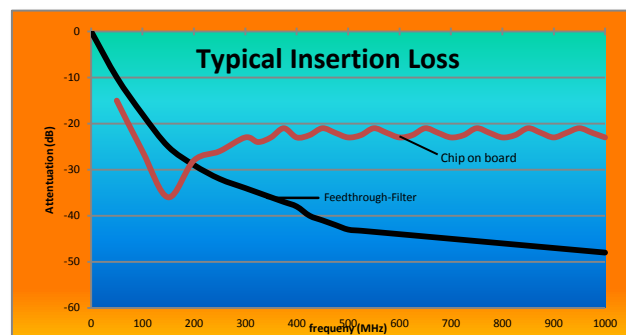


How to Order:

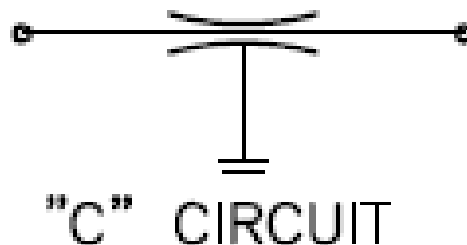
610	--	502	C	S	**
610 = C-filter/Steel Case (Au plated) Alloy 52 lead-wire 612 = same as 610 Except Kovar case (Au plated)	placeholder	Capacitance code in PF, 1 st 2 digits are significant, 3 rd digit is number of zeros P tolerance assumed unless specified	Voltage rating A =50VDC B =100VDC C =200VDC D =300VDC	Lead-wire S =Standard M =Rounded leads	Special requirements (to be assigned by the factory)

Maximum Cap Values:

The below table gives the maximum cap values available and typical Insertion Loss performance by voltage rating:



Rated Voltage---->	50V	100V	200V	300V
Max Capacitance (NF) P tolerance assumed	120	100	33	27
Typical Insertion Loss (dB)				
1MHz	23	20	12	10
10MHz	41	38	32	28
100MHz	59	56	50	45
1GHz	>70	>70	65	62
10GHz	>70	>70	>70	>70



610 Series Solder-In Filter/Feedthroughs



Typical Insertion Loss Performance of Common Filters:

Instec P/N	Type	Cap Value	Voltage Rating	Current Rating	Insertion Loss (dB)				
					1MHz	10MHz	100MHz	1GHz	10GHz
610-101CS	C-Filter	100 pf	200VDC	10A			3	20	40
610-122CS	C-Filter	1200 pf	200VDC	10A		4	20	40	55
610-153BS	C-Filter	15,000 pf	100VDC	10A	7	25	40	60	>70
610-272BS	C-Filter	2700 pf	100VDC	10A		10	25	40	60
610-333AS	C-Filter	33,000 pf	50VDC	10A	12	32	50	65	>70
610-501CS	C-Filter	500 pf	200VDC	10A			15	34	40
610-502BS	C-Filter	5000 pf	100VDC	10A		15	30	50	70
610-502CS	C-Filter	5000 pf	200VDC	10A		15	30	50	70

