

AVX Fuses, Filters, and Thermistors



AVX LOW CURRENT LGA ACCU-GUARD® THIN FILM FUSES

The Accu-Guard® series of fuses is based on thin-film technology which allows precise control of the component electrical and physical characteristics that is not possible with standard fuse technologies. The Accu-Guard Low Current series encompasses the lowest current ratings in 0603 package.

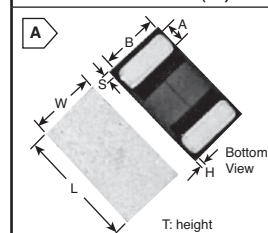
This product is RoHS compliant.



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	AVX Part No.	Fig.	Case Size	Current Rating (A)	Resistance @ 0.1 x IRATED (max.) Ω	Voltage Drop @ IRATED (max.) mV	Fusing Current (within 5sec) A	Pre-Arc I _{2t} @ 10X IRATED A ² -sec (typ)	Color Code	Price Each				Reel Qty.	Price Per Piece
										1	100	500	1000		
581-F0603G0R05FNTR	F0603G0R05FNTR	A	0603	0.050	3.4	250	0.125	2 x 10 ⁻⁶	Blue	1.25	.70	.55	.47	3000	.40
581-F0603G0R06FNTR	F0603G0R06FNTR	A	0603	0.062	2.5	280	0.155	2 x 10 ⁻⁶	Yellow	1.25	.70	.55	.47	3000	.40
581-F0603G0R07FNTR	F0603G0R07FNTR	A	0603	0.075	2.0	280	0.1875	4 x 10 ⁻⁶	Brown	1.25	.70	.55	.47	3000	.40
581-F0603G0R10FNTR	F0603G0R10FNTR	A	0603	0.100	2.4	300	0.250	4 x 10 ⁻⁶	Red	1.25	.70	.55	.47	3000	.40
581-F0603G0R12FNTR	F0603G0R12FNTR	A	0603	0.125	1.6	250	0.312	1 x 10 ⁻⁵	White	1.25	.70	.55	.47	3000	.40
581-F0603G0R15FNTR	F0603G0R15FNTR	A	0603	0.150	1.2	220	0.375	2 x 10 ⁻⁵	Green	1.25	.70	.55	.47	3000	.40
581-F0603G0R20FNTR	F0603G0R20FNTR	A	0603	0.200	0.8	210	0.500	4 x 10 ⁻⁵	Pink	1.25	.70	.55	.47	3000	.40

DIMENSIONS: mm (in.)



L	1.6±.10 (.063±.004)
W	.81±.10 (.032±.004)
T	.61±.10 (.024±.004)
A	.23±.05 (.009±.002)
B	.66±.05 (.026±.002)
S, H	.10±.05 (.004±.002)

AVX ACCU-GUARD® II - LOW CURRENT MINIATURE SIZE THIN-FILM FUSE

Features:

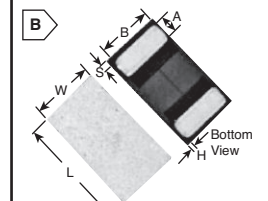
- Accurate Current Rating
- Operating Temperature: -55°C to +125°C
- Fast Acting
- Rated voltage: 32V

Applications:

- Computers
- LCD Screens
- Battery Chargers
- Digital Cameras

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	AVX Part No.	Fig.	Case Size	Current Rating (A)	Resistance @ 0.1 x IRATED (max.) Ω	Voltage Drop @ IRATED (max.) mV	Fusing Current (within 5sec) A	Pre-Arc I _{2t} @ 10X IRATED A ² -sec (typ)	Color Code	Price Each				Reel Qty.	Price Per Piece
										1	100	500	1000		
581-F0402G0R05FNTR	F0402G0R05FNTR	B	0402	0.050	3.4	250	0.125	2 x 10 ⁻⁶	Blue	1.20	.79	.65	.50	5000	.42
581-F0402G0R06FNTR	F0402G0R06FNTR	B	0402	0.062	2.8	280	0.155	2 x 10 ⁻⁶	Yellow	1.20	.79	.65	.50	5000	.42
581-F0402G0R07FNTR	F0402G0R07FNTR	B	0402	0.075	2.0	280	0.1875	4 x 10 ⁻⁶	Brown	1.20	.79	.65	.50	5000	.42
581-F0402G0R10FNTR	F0402G0R10FNTR	B	0402	0.100	2.4	300	0.250	7 x 10 ⁻⁶	Red	1.20	.79	.65	.50	5000	.42
581-F0402G0R12FNTR	F0402G0R12FNTR	B	0402	0.125	1.6	250	0.312	1 x 10 ⁻⁵	White	1.20	.79	.65	.50	5000	.42
581-F0402G0R15FNTR	F0402G0R15FNTR	B	0402	0.150	1.2	220	0.375	2 x 10 ⁻⁵	Green	1.20	.79	.65	.51	5000	.42
581-F0402G0R20FNTR	F0402G0R20FNTR	B	0402	0.200	0.8	210	0.500	4 x 10 ⁻⁵	Pink	1.20	.79	.65	.51	5000	.42



L	1.00±.05 (.039±.002)
W	.58±.04 (.023±.002)
T	.35±.05 (.014±.002)
A	.20±.05 (.008±.002)
B	.48±.05 (.019±.002)
S, H	.05±.05 (.002±.002)

AVX ACCU-GUARD® II - SMD THIN-FILM FUSE

Features:

- Accurate Current Rating
- Operating Temperature: -55°C to +125°C
- Fast Acting
- Rated Voltage: 32V

Applications:

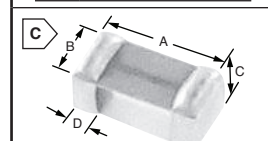
- LCD Screens
- Digital Cameras
- SCSI Interface
- Video Cameras



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fig.	Case Size	Current Rating (A)	Price Each			Reel Qty.	Price Per Piece
				1	100	1000		
581-F0402E0R25FSTR	C	0402	0.25	.32	.245	.16		
581-F0402E0R50FSTR	C	0402	0.50	.32	.245	.16		
581-F0402E0R75FSTR	C	0402	0.75	.32	.245	.16		
581-F0402E1R00FSTR	C	0402	1.00	.32	.245	.16		
581-F0402E1R50FSTR	C	0402	1.50	.32	.245	.16		
581-F0402E2R00FSTR	C	0402	2.00	.32	.245	.16		
581-F0603E0R25FSTR	C	0603	0.25	.39	.27	.198		
581-F0603E0R37FSTR	C	0603	0.375	.39	.27	.176		
581-F0603E0R50FSTR	C	0603	0.50	.39	.27	.198		
581-F0603E0R75FSTR	C	0603	0.75	.39	.27	.198		
581-F0603E1R00FSTR	C	0603	1.00	.39	.27	.198		
581-F0603E1R25FSTR	C	0603	1.25	.39	.27	.198		
581-F0603E1R50FSTR	C	0603	1.50	.39	.27	.198		
581-F0603E1R75FSTR	C	0603	1.75	.39	.27	.198		
581-F0603E2R00FSTR	C	0603	2.00	.39	.27	.198		
581-F0603E2R50FSTR	C	0603	2.50	.39	.27	.198		

MOUSER STOCK NO.	Fig.	Case Size	Current Rating (A)	Price Each			Reel Qty.	Price Per Piece
				1	100	1000		
581-F0603E3R00FSTR	C	0603	3.00	.39	.27	.198		
581-F0805B0R25FSTR	C	0805	0.25	.52	.33	.22		
581-F0805B0R50FSTR	C	0805	0.50	.52	.33	.22		
581-F0805B0R75FSTR	C	0805	0.75	.52	.33	.22		
581-F0805B1R00FSTR	C	0805	1.00	.52	.33	.22		
581-F0805B1R50FSTR	C	0805	1.50	.52	.33	.22		
581-F0805B2R00FSTR	C	0805	2.00	.52	.33	.22		
581-F0805B2R50FSTR	C	0805	2.50	.52	.33	.22		
581-F1206B0R50FSTR	C	1206	0.50	.80	.64	.40		
581-F1206B1R00FSTR	C	1206	1.00	.80	.64	.40		
581-F1206B1R50FSTR	C	1206	1.50	.80	.64	.40		
581-F1206B3R00FSTR	C	1206	3.00	.80	.64	.40		



F0402E	
A	1.00±.10 (0.039±.004)
B	0.55±.07 (.022±.003)
C	0.40±.10 (0.016±.004)
D	0.20±.10 (0.008±.004)
F0603E	
A	1.60±.10 (.063±.004)
B	0.81±.10 (.032±.004)
C	0.63±.10 (.025±.004)
D	0.35±.15 (.014±.006)
F0805B	
A	2.1±.02 (0.083±.008)
B	1.27±.01 (0.050±.004)
C	0.90±.02 (0.035±.008)
D	0.30±.015 (0.012±.006)
F1206B	
A	3.1±.02 (0.122±.008)
B	1.6±.10 (0.063±.004)
C	1.2±.02 (0.047±.008)
D	0.43±.025 (0.017±.010)

AVX THIN-FILM LOW PASS FILTERS

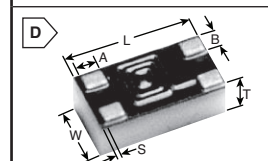
- Miniature size
- Operating Temperature: -40°C to +85°C
- Rugged construction

- GPS
- Wireless LANs



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	AVX Part No.	Fig.	Case Size	Frequency (MHz)	Price Each				Reel Qty.	Price Per Piece
					1	100	500	1000		
581-LP0402N3500ANTR	LP0402N3500ANTR	D	0402	3500	.49	.34	.30	5000	.27	
581-LP0402N5200ANTR	LP0402N5200ANTR	D	0402	5200	.49	.34	.30	5000	.27	
581-LP0603A0902ANTR	LP0603A0902ANTR	D	0603	902	1.09	.87	.58	3000	.52	
581-LP0603A0947ANTR	LP0603A0947ANTR	D	0603	947	1.09	.87	.58	3000	.50	
581-LP0603A0950ANTR	LP0603A0950ANTR	D	0603	950	1.31	1.05	.70	3000	.67	
581-LP0603A1747ANTR	LP0603A1747ANTR	D	0603	1747	1.09	.87	.58	3000	.50	
581-LP0603A1880ANTR	LP0603A1880ANTR	D	0603	1880	1.09	.87	.58	3000	.50	
581-LP0603A1950ANTR	LP0603A1950ANTR	D	0603	1950	1.09	.87	.58	3000	.50	
581-LP0603A2140ANTR	LP0603A2140ANTR	D	0603	2140	1.09	.87	.58	3000	.50	
581-LP0603A2442ANTR	LP0603A2442ANTR	D	0603	2442	1.09	.87	.58	3000	.50	
581-LP0603N3500ANTR	LP0603N3500ANTR	D	0603	3500	1.31	1.05	.70	3000	.67	
581-LP0603N5200ANTR	LP0603N5200ANTR	D	0603	5200	1.31	1.05	.70	3000	.67	
581-LP0603N5500ANTR	LP0603N5500ANTR	D	0603	5500	1.31	1.05	.70	3000	.67	



AVX NTC SMD THERMISTORS

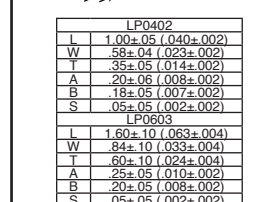
- Operating Temperature: -55°C to +150°C

- LCD Compensation
- Battery Packs



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	AVX Part No.	Fig.	Case Size	Rn at 25°C (Ω)	Tolerance ±	Price Each				Reel Qty.	Price Per Piece
						1	100	500	1000		
581-NC12K0220JBB	NC12K0220JBB	E	0805	22	5%	.62	.42	.31	.26	4000	.23
581-NC12K0470JBB	NC12K0470JBB	E	0805	47	5%	.66	.46	.35	.30	4000	.27
581-NC12K0560JBB	NC12K0560JBB	E	0805	56	5%	.62	.42	.31	.26	4000	.23
581-NC12K0680JBB	NC12K0680JBB	E	0805	68	5%	.62	.42	.31	.26	4000	.23
581-NC12K0820JBB	NC12K0820JBB	E	0805	82	5%	.62	.42	.31	.26	4000	.23
581-NC12K0101JBB	NC12K0101JBB	E	0805	100	5%	.62	.42	.31	.26	4000	.23
581-NC12M0121JBB	NC12M0121JBB	E	0805	120	5%	.47	.31	.27	.25	4000	.23
581-NC12M0181KBB	NC12M0181KBB	E	0805	180	10%	.47	.31	.23	.20	4000	.18
581-NC12M0221JBB	NC12M0221JBB	E	0805	220	5%	.47	.31	.27	.25	4000	.23
581-NC12M0331KBB	NC12M0331KBB	E	0805	330	10%	.47	.31	.23	.20	4000	.18
581-NC12M0471JBB	NC12M0471JBB	E	0805	470	5%	.30	.25	.22	.20	4000	.16
581-NC12M0102JBB	NC12M0102JBB	E	0805	1K	5%	.47	.31	.23	.20	4000	.18
581-NC12M0152KBB	NC12M0152KBB	E	0805	1.5K	10%	.50	.34	.26	.23	4000	.21
581-NC12M0222KBB	NC12M0222KBB	E	0805	2.2K	10%	.22	.20	.17	.14	4000	.13
581-NC12M0272JBB	NC12M0272JBB	E	0805	2.7K	5%	.47	.31	.23	.20	4000	.18
581-NC12M0332KBB	NC12M0332KBB	E	0805	3.3K	10%	.47	.31	.23	.20	4000	.18
581-NC12M00223KBB	NC12M00223KBB	E	0805	22K	10%	.47	.31	.23	.20	4000	.18
581-NC12N00473KBB	NC12N00473KBB	E	0805	47K	10%	.39	.26	.20	.16	4000	.15
581-NC12N00563KBB	NC12N00563KBB	E	0805	56K	10%	.39	.26	.20	.16	4000	.15



LP0402	
L	1.00±.05 (.040±.002)