

## FCC 17 SERIES

**Current Rating:** 5 Amps DC maximum  
2 Amps RF filtering maximum

**Contact Resistance:** 10 milliohms maximum

**Insulation Resistance:** 3000 Megohms minimum

**Materials:** **Shell:** High strength zinc diecast  
**Contacts:** Copper alloy  
**Inserts:** High strength thermoplastic material, comply with UL flammability requirements of 94V-0 as per UL-STD-74  
**Shell:** Bright tin plating

**Finish:** **Contacts:** 20 microinch gold plating on contact area and 100 microinch tin plating at termination end all over 40 microinch nickel plating.

**Environmental:** **Operating Temperature:** -40°C to +85°C  
**Vibration:** to method 2005 of MIL-STD-1344 method 2016  
**Durability:** 200 cycles minimum per MIL-STD-1344 method 2016  
Intermateable with standard non-filtered Amphenol 17 Series D-Subs and connectors meeting MIL-C-24308.

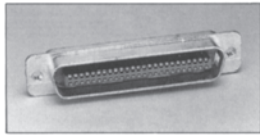
### AMPHENOL FCC17 SERIES FILTER CONNECTORS

Cat. No.	No. of Contacts	Filter Cap. (pF)	Terminal Type	Net Price
<b>PLUG</b>				
FCC17-E09PM-210	9	470	Solder Cup	\$27.47
FCC17-E09PM-240	9	820		27.79
FCC17-E09PE-210	9	470	P.C.B. Straight	29.44
FCC17-E09PE-240	9	820	P.C.B. Straight	29.44
FCC17-E09PA-410	9	470	P.C.B. 90° Angle	29.44
FCC17-E09PA-440	9	820		29.44
FCC17-A15PM-210	15	470	Solder Cup	37.07
FCC17-A15PM-240	15	820	Solder Cup	37.59
FCC17-A15PE-210	15	470	P.C.B. Straight	35.70
FCC17-A15PE-240	15	820	P.C.B. Straight	35.70
FCC17-A15PA-410	15	470	P.C.B. 90° Angle	35.70
FCC17-A15PA-440	15	820	P.C.B. 90° Angle	35.70
FCC17-B25PM-210	25	470	Solder Cup	42.29
FCC17-B25PM-240	25	820		43.01
FCC17-B25PE-210	25	470	P.C.B. Straight	42.01
FCC17-B25PE-240	25	820	P.C.B. Straight	42.01
FCC17-B25PA-410	25	470	P.C.B. 90° Angle	42.01
FCC17-B25PA-440	25	820	P.C.B. 90° Angle	42.01
FCC17-C37PM-210	37	470	Solder Cup	58.11
FCC17-C37PM-240	37	820	Solder Cup	59.15
<b>SOCKET</b>				
FCC17-E09SM-210	9	470	Solder Cup	30.32
FCC17-E09SM-240	9	820		30.60
FCC17-E09SE-210	9	470	P.C.B. Straight	29.44
FCC17-E09SE-240	9	820	P.C.B. Straight	29.44
FCC17-A15SM-210	15	470	Solder Cup	39.20
FCC17-A15SM-240	15	820	Solder Cup	39.48
FCC17-A15SE-210	15	470	P.C.B. Straight	35.70
FCC17-A15SE-240	15	820	P.C.B. Straight	35.70
FCC17-A15SA-410	15	470	P.C.B. 90° Angle	35.70
FCC17-A15SA-440	15	820	P.C.B. 90° Angle	35.70
FCC17-B25SM-210	25	470	Solder Cup	47.79
FCC17-B25SM-240	25	820		48.47
FCC17-B25SE-210	25	470	P.C.B. Straight	42.01
FCC17-B25SE-240	25	820	P.C.B. Straight	42.01
FCC17-B25SA-410	25	470	P.C.B. 90° Angle	42.01
FCC17-B25SA-440	25	820	P.C.B. 90° Angle	42.01
FCC17-C37SM-210	37	470	Solder Cup	77.15
FCC17-C37SM-240	37	820	Solder Cup	78.15

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## AMPHENOL FCC17 SERIES FILTER CONNECTOR ADAPTORS

Cat. No.	No. of Contacts	Filter Cap. (pF)	Net Price
FCC17-E09AD-210	9	470	<b>\$68.07</b>
FCC17-E09AD-240	9	820	<b>68.07</b>
FCC17-E09AD-290	9	5600	<b>70.00</b>
FCC17-A15AD-210	15	470	<b>76.55</b>
FCC17-A15AD-240	15	820	<b>76.55</b>
FCC17-A15AD-290	15	5600	<b>79.68</b>
FCC17-B25AD-210	25	470	<b>85.22</b>
FCC17-B25AD-240	25	820	<b>85.22</b>
FCC17-B25AD-290	25	5600	<b>90.52</b>
FCC17-C37AD-210	37	470	<b>101.16</b>
FCC17-C37AD-240	37	820	<b>101.16</b>
FCC17-C37AD-290	37	5600	<b>109.12</b>



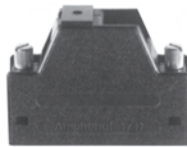
### FCC 57 SERIES

A filtered connector effectively removes electronic device generated EMI/RFI noise as well as external noise sources such as electrostatic discharges (ESD), radio transmitters, nearby lighting and others by harmlessly redirecting noise to the connector's ground shell and effectively removing it from the signal path. If protection is not provided this noise will disrupt proper equipment operation and often destroy internal circuitry.

- Current Rating:** 5 Amps DC maximum  
2 Amps RF filtering minimum
- Contact Resistance:** 10 milliohms maximum
- Insulation Resistance:** 3000 Megohms minimum
- Materials:** **Shell:** High strength zinc diecast  
**Contacts:** Copper Alloy  
**Inserts:** High strength thermoplastic material. Comply with UL flammability requirements for 94V-O as per UL-STD-94.
- Finish:** **Shell:** Tin plate  
**Contacts:** 30 microinch gold plating on MIL-G-45204 in all contacting areas, 5 microinch gold plating in all other areas.
- Environmental:** **Operating Temperature:** -40°C to +85°C  
**Vibration:** To method 2005 of MIL-STD-1344, test condition III  
**Durability:** 200 cycles minimum to method 2016 of MIL-STD-1344

## AMPHENOL FCC57 SERIES FILTER CONNECTORS

Cat. No.	No. of Contacts	Filter Cap. (pF)	Terminal Type	Net Price Each		
				1-99	100-499	500-Up
<b>PLUG</b>						
FCC57-10500-210	50	470	Solder Cup	<b>\$52.41</b>	<b>\$23.59</b>	<b>\$21.61</b>
FCC57-10500-230	50	820		<b>52.41</b>	<b>23.59</b>	<b>21.61</b>
FCC57-11500-210	50	470	P.C.B. Straight	<b>57.87</b>	<b>26.04</b>	<b>23.88</b>
FCC57-11500-230	50	820		<b>57.87</b>	<b>26.04</b>	<b>23.88</b>
<b>SOCKET</b>						
FCC57-22500-210	50	470	Solder Cup	<b>68.11</b>	<b>30.64</b>	<b>28.05</b>
FCC57-22500-230	50	820		<b>68.11</b>	<b>30.64</b>	<b>28.05</b>



### ONE PIECE PLASTIC UNIVERSAL HOOD

Amphenol universal black thermoplastic UL 94VO rated, 1 piece self locking hood, with internal cable clamp. Offers low cost construction with the flexibility of top or side cable entry. Cables can also be fixed by standard 2.8 mm tie wrap (Not included).

These easy-to-assemble units are available for sizes 9(E), 15(A), 25(B), 37(C), and 50(D) contact D-Subminiature connectors.

#### UNIVERSAL HOOD SIDE OR TOP CABLE ENTRY

Cat. No.	Shell Size	Net Price Each		
		1-499	500-999	1000-Up
17D-09HV	9(E)	<b>\$4.78</b>	<b>\$2.19</b>	<b>\$1.87</b>
17D-15HV	15(A)	<b>5.02</b>	<b>2.29</b>	<b>1.97</b>
17D-25HV	25(B)	<b>5.34</b>	<b>2.45</b>	<b>2.11</b>
17D-37HV	37(C)	<b>5.86</b>	<b>2.69</b>	<b>2.31</b>
17D-50HV	50(D)	<b>6.75</b>	<b>3.11</b>	<b>2.65</b>



### TWO PIECE PLASTIC "CLICK IN" HOOD

Amphenol's "Click-In" hood features a simple 2 identical shell construction, which snaps together, assembly hardware not required.

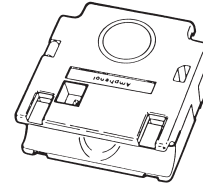
Light weight and ruggedly built of UL 94VO thermoplastic, the black 2 piece snap together construction allows fast and inexpensive assembly after pre wiring of the connector.

Perfect cable clamping, with either straight or right angle cable exit, is provided with the use of a standard 2.8 mm tie wrap (not supplied) passed through the appropriate pre formed holes.

These easy-to-assemble hoods are available for sizes 9(E), 15(A), and 25(B) contact D-Subminiature connectors.

#### SNAP-IN HOOD ASSEMBLY

Cat. No.	Shell Size	Dim. (mm)		Net Price Each		
		L	dØ	1-499	500-999	1000-Up
17D-09C	E	19.5	7	<b>\$10.24</b>	<b>\$4.70</b>	<b>\$3.64</b>
17D-15C	A	27.8	9.6	<b>11.65</b>	<b>5.34</b>	<b>4.16</b>
17D-25C	B	41.6	11.6	<b>10.52</b>	<b>4.82</b>	<b>3.75</b>



### AMPHENOL 57 SERIES MICRO-RIBBON® CONNECTORS

Amphenol Micro-Ribbon Connectors, stocked in depth by Electro Sonic, combine high reliability with extremely small size. The Ribbon concept provides easy mating, with no danger of mis-alignment, bent pins or set contacts. Self-cleaning, self-wiping gold plated contacts maintain positive contact pressure for unusually low contact resistance and extremely long life. The Diallyl Phthalate dielectric offers high arc and insulation resistance, high impact resistance and low water absorption. Polarization is provided by trapezoidal shells of zinc plated brass with clear chromate. Contacts are rated 5 amps, 700 VDC at sea level. Solder cup tails allow easy wiring.

#### AMPHENOL 57 SERIES RACK & PANEL CONNECTORS

Cat. No.	Contacts	Mtg. Centres	Net Price Each	
			1-49	50-Up
<b>PLUGS</b>				
57-10140	14	1.417"	<b>\$9.24</b>	<b>\$3.93</b>
57-10240	24	1.842"	<b>10.20</b>	<b>4.36</b>
57-10360	36	2.352"	<b>12.09</b>	<b>5.16</b>
57-10500	50	2.947"	<b>10.80</b>	<b>4.60</b>
<b>MATING RECEPTACLES</b>				
57-20140	14	1.417"	<b>12.01</b>	<b>5.12</b>
57-20240	24	1.842"	<b>12.45</b>	<b>5.30</b>
57-20360	36	2.352"	<b>14.10</b>	<b>8.00</b>
57-20500	50	2.947"	<b>16.02</b>	<b>6.83</b>
57-20500-6	50	2.947"	<b>16.12</b>	<b>9.16</b>



57-10500-7-540†  
LOW PROFILE  
CABLE-TO-CABLE



CABLE-TO-PANEL



57-20500-7-540†