

Subminiature D Connectors with Distributed Element Filters 9 Position

Material and Finish:

Shell—Steel, tin plated

Insert—UL rated 94V0 thermoplastic

Contact—Pin-brass, Socket-phosphor bronze, plated .000015 [0.00038] min. gold in contact area, plated tin/lead on termination end

Filter Sleeve—Ferrite and Ceramic

Related Product Data:

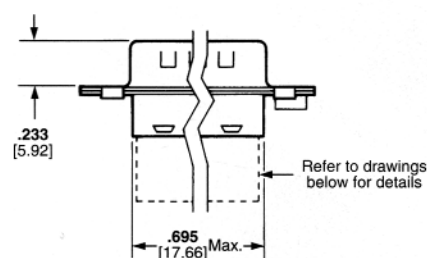
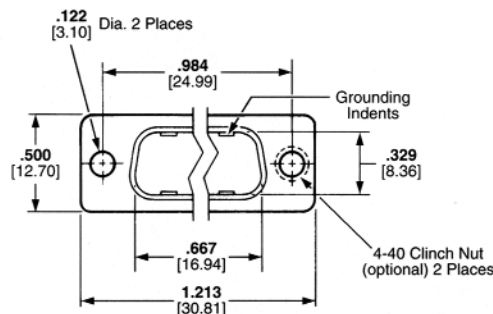
Panel Mounting/Mating—
page 28

PC Board Mounting—
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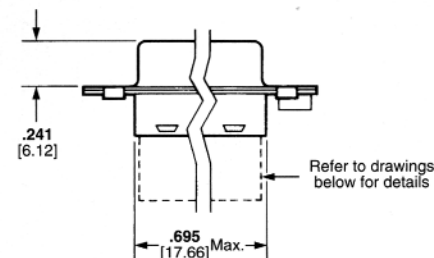
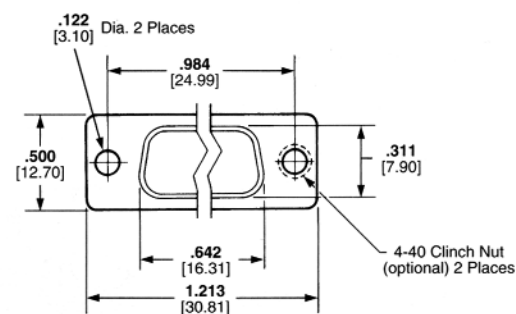
Accessories—pages 30-32

Electrical Specifications—
page 6

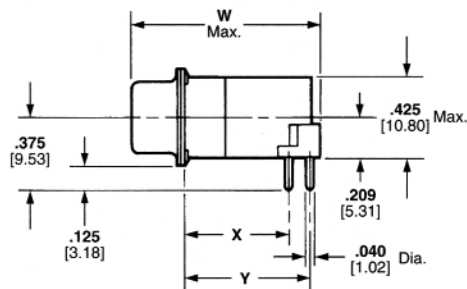
Plug Assemblies (Pin Contacts)



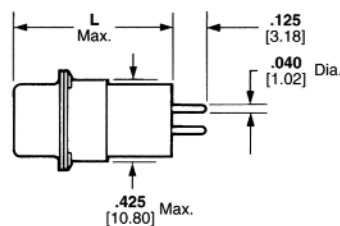
Receptacle Assemblies (Socket Contacts)



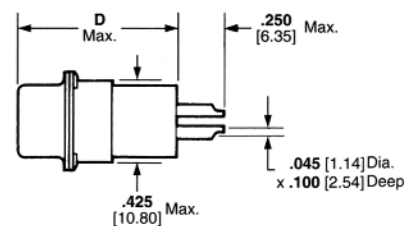
Termination Type



.040 [1.02] Dia.
Right-Angle Post



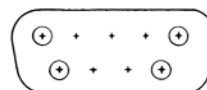
.040 [1.02] Dia.
Straight Post



Solder Cup

Insert Arrangement

Note: Mating face of plug assembly is shown, receptacle assembly is mirror image.



9 Position

Subminiature D Connectors with Distributed Element Filters

9 Position (Continued)

Material and Finish:

Shell—Steel, tin plated

Insert—UL rated 94V0 thermoplastic

Contact—Phosphor bronze, plated
.000015 [0.00038] min. gold in contact area

Filter Sleeve—Ferrite and Ceramic

Related Product Data:

Panel Mounting/Mating—

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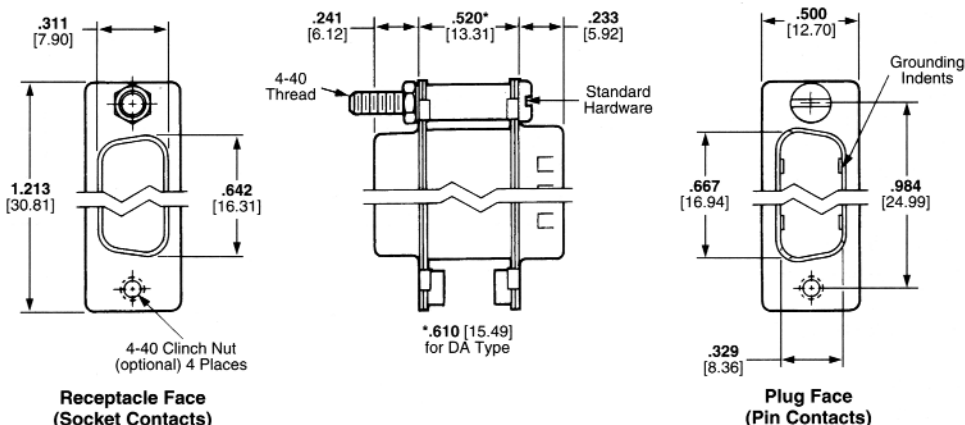
PC Board Mounting—

page 29

Accessories—pages 30-32

Electrical Specifications—
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Plug-Receptacle Adapter



Shell Dimensions

Filter Type	Connector	Dimensions				
		W Max.	X	Y	Straight L Max.	Solder D Max.
DC, DG, DE	Plug	1.015 25.78	.545 13.84	.657 16.69	.640 16.26	.680 17.27
	Receptacle	1.020 25.91	.545 13.84	.657 16.69	.645 16.38	.685 17.40
DB, DF, DD	Plug	1.015 25.78	.545 13.84	.657 16.69	.785 19.94	.825 20.96
	Receptacle	1.020 25.91	.545 13.84	.657 16.69	.790 20.07	.830 21.08
DA	Plug	1.132 28.75	.657 16.69	.769 19.53	.950 24.13	.990 25.15
	Receptacle	1.137 28.88	.657 16.69	.769 19.53	.955 24.26	.995 25.27

Part Numbers

Filter Type	Mounting Style	Plug Assemblies with Pin Contacts			Receptacle Assemblies with Socket Contacts			Plug-Receptacle Adapters
		Termination Type			Termination Type			
		Right-Angle Posted .040 [1.02] Dia.	Straight Posted .040 [1.02] Dia.	Solder Cup	Right-Angle Posted .040 [1.02] Dia.	Straight Posted .040 [1.02] Dia.	Solder Cup	
DC	.120 [3.05] Mounting Hole	842900-1	842910-1	842920-1	842905-1	842915-1	842925-1	842930-1'
	4-40 Clinch Nut	842900-8	842910-8	842920-8	842905-8	842915-8	842925-8	842930-8
DB	.120 [3.05] Mounting Hole	842900-2	842910-2	842920-2	842905-2	842915-2	842925-2	842930-2'
	4-40 Clinch Nut	842900-9	842910-9	842920-9	842905-9	842915-9	842925-9	842930-9
DA	.120 [3.05] Mounting Hole	842900-3	842910-3	842920-3	842905-3	842915-3	842925-3	842930-3'
	4-40 Clinch Nut	1-842900-0	1-842910-0	1-842920-0	1-842905-0	1-842915-0	1-842925-0	1-842930-0
DG	.120 [3.05] Mounting Hole	842900-4	842910-4	842920-4	842905-4	842915-4	842925-4	842930-4'
	4-40 Clinch Nut	1-842900-1	1-842910-1	1-842920-1	1-842905-1	1-842915-1	1-842925-1	1-842930-1
DF	.120 [3.05] Mounting Hole	842900-5	842910-5	842920-5	842905-5	842915-5	842925-5	842930-5'
	4-40 Clinch Nut	1-842900-2	1-842910-2	1-842920-2	1-842905-2	1-842915-2	1-842925-2	1-842930-2
DE	.120 [3.05] Mounting Hole	842900-6	842910-6	842920-6	842905-6	842915-6	842925-6	842930-6'
	4-40 Clinch Nut	1-842900-3	1-842910-3	1-842920-3	1-842905-3	1-842915-3	1-842925-3	1-842930-3
DD	.120 [3.05] Mounting Hole	842900-7	842910-7	842920-7	842905-7	842915-7	842925-7	842930-7'
	4-40 Clinch Nut	1-842900-4	1-842910-4	1-842920-4	1-842905-4	1-842915-4	1-842925-4	1-842930-4

¹This Adapter has Standard Hardware.

Subminiature D Connectors with Distributed Element Filters 15 Position

Material and Finish:

Shell—Steel, tin plated

Insert—Thermoplastic, UL rated 94V0

Contact—Pin-brass, Socket-phosphor bronze, plated .000015 [0.00038] min. gold in contact area, plated tin/lead on termination end

Filter Sleeve—Ferrite and Ceramic

Related Product Data:

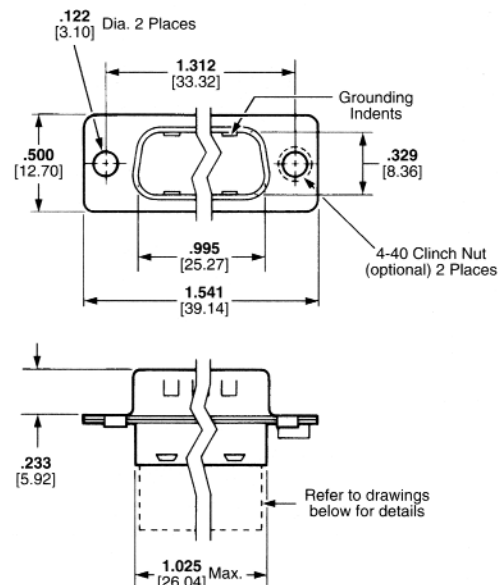
Panel Mounting/Mating—
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PC Board Mounting—
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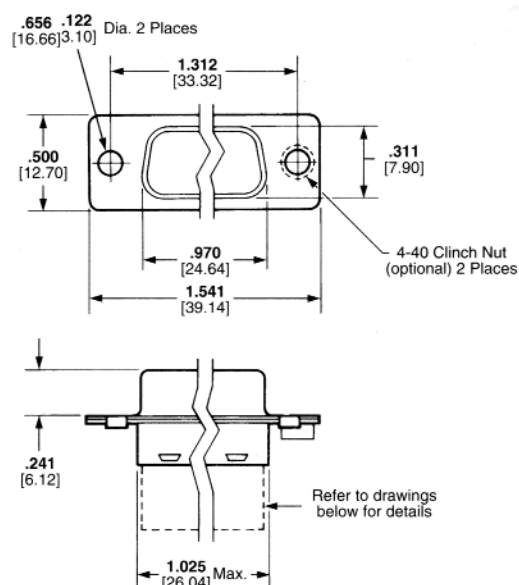
Accessories—pages 30-32

Electrical Specifications—
page 6

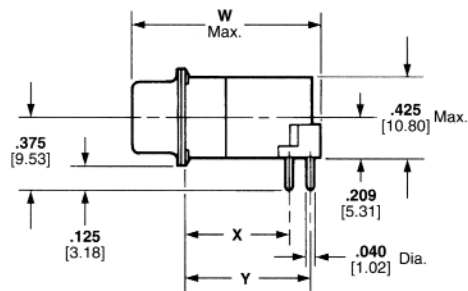
Plug Assemblies (Pin Contacts)



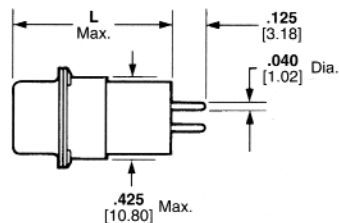
Receptacle Assemblies (Socket Contacts)



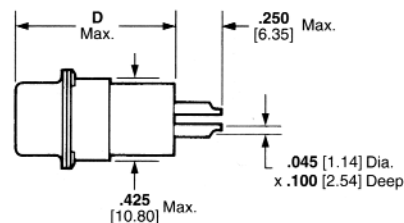
Termination Type



.040 [1.02] Dia.
Right-Angle Post



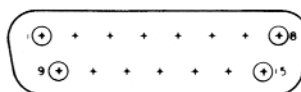
.040 [1.02] Dia.
Straight Post



Solder Cup

Insert Arrangement

Note: Mating face of plug assembly is shown, receptacle assembly is mirror image.



15 Position

Subminiature D Connectors with Distributed Element Filters

15 Position (Continued)

Material and Finish:

Shell—Steel, tin plated

Insert—Thermoplastic, UL rated 94V0

Contact—Phosphor bronze, plated
.000015 [0.00038] min. gold in contact area

Filter Sleeve—Ferrite and Ceramic

Related Product Data:

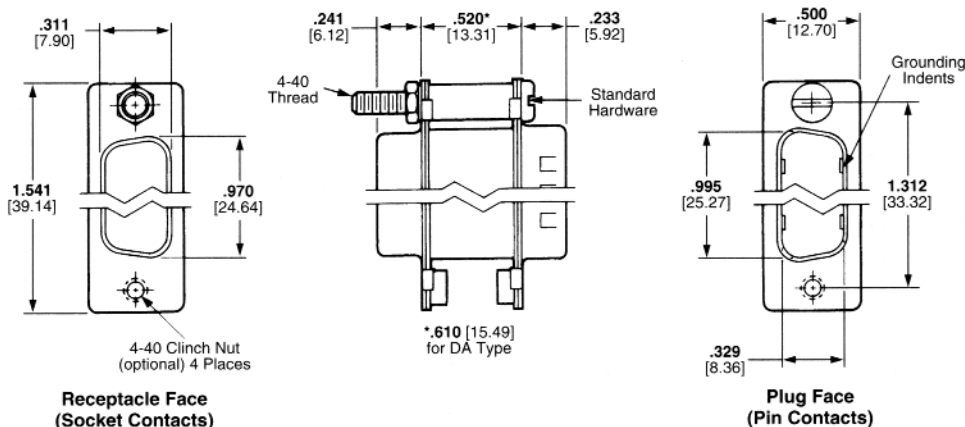
Panel Mounting/Mating—
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PC Board Mounting—
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Accessories—pages 30-32

Electrical Specifications—
page 6

Plug-Receptacle Adapter



Shell Dimensions

Filter Type	Connector	Dimensions				
		W Max.	Right-Angle X	Y	Straight L Max.	Solder D Max.
DC, DG, DE	Plug	1.015 25.78	.545 13.84	.657 16.69	.640 16.26	.680 17.27
	Receptacle	1.020 25.91	.545 13.84	.657 16.69	.645 16.38	.685 17.40
DB, DF, DD	Plug	1.015 25.78	.545 13.84	.657 16.69	.785 19.94	.825 20.96
	Receptacle	1.020 25.91	.545 13.84	.657 16.69	.790 20.07	.830 21.08
DA	Plug	1.132 28.75	.657 16.69	.769 19.53	.950 24.13	.990 25.15
	Receptacle	1.137 28.88	.657 16.69	.769 19.53	.955 24.26	.995 25.27

Part Numbers

Filter Type	Mounting Style	Plug Assemblies with Pin Contacts			Receptacle Assemblies with Socket Contacts			Plug-Receptacle Adapters
		Termination Type			Termination Type			
		Right-Angle Posted .040 [1.02] Dia.	Straight Posted .040 [1.02] Dia.	Solder Cup	Right-Angle Posted .040 [1.02] Dia.	Straight Posted .040 [1.02] Dia.	Solder Cup	
DC	.120 [3.05] Mounting Hole	842901-1	842911-1	842921-1	842906-1	842916-1	842926-1	842931-1'
	4-40 Clinch Nut	842901-8	842911-8	842921-8	842906-8	842916-8	842926-8	842931-8
DB	.120 [3.05] Mounting Hole	842901-2	842911-2	842921-2	842906-2	842916-2	842926-2	842931-2'
	4-40 Clinch Nut	842901-9	842911-9	842921-9	842906-9	842916-9	842926-9	842931-9
DA	.120 [3.05] Mounting Hole	842901-3	842911-3	842921-3	842906-3	842916-3	842926-3	842931-3'
	4-40 Clinch Nut	1-842901-0	1-842911-0	1-842921-0	1-842906-0	1-842916-0	1-842926-0	1-842931-0
DG	.120 [3.05] Mounting Hole	842901-4	842911-4	842921-4	842906-4	842916-4	842926-4	842931-4'
	4-40 Clinch Nut	1-842901-1	1-842911-1	1-842921-1	1-842906-1	1-842916-1	1-842926-1	1-842931-1
DF	.120 [3.05] Mounting Hole	842901-5	842911-5	842921-5	842906-5	842916-5	842926-5	842931-5'
	4-40 Clinch Nut	1-842901-2	1-842911-2	1-842921-2	1-842906-2	1-842916-2	1-842926-2	1-842931-2
DE	.120 [3.05] Mounting Hole	842901-6	842911-6	842921-6	842906-6	842916-6	842926-6	842931-6'
	4-40 Clinch Nut	1-842901-3	1-842911-3	1-842921-3	1-842906-3	1-842916-3	1-842926-3	1-842931-3
DD	.120 [3.05] Mounting Hole	842901-7	842911-7	842921-7	842906-7	842916-7	842926-7	842931-7'
	4-40 Clinch Nut	1-842901-4	1-842911-4	1-842921-4	1-842906-4	1-842916-4	1-842926-4	1-842931-4

*This Adapter has Standard Hardware.

Subminiature D Connectors with Distributed Element Filters 25 Position

Material and Finish:

Shell—Steel, tin plated

Insert—Thermoplastic, UL rated 94V0

Contact—Pin—brass, Socket—phosphor bronze, plated .000015 [0.00038] min. gold in contact area, plated tin/lead on termination end

Filter Sleeve—Ferrite and Ceramic

Related Product Data:

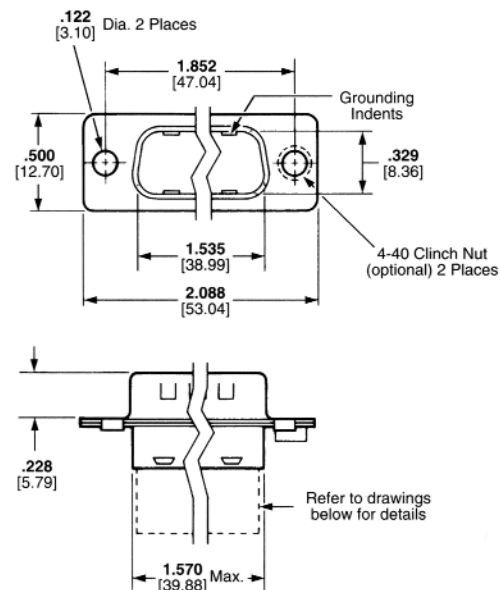
Panel Mounting/Mating—
page 28

PC Board Mounting—
page 29

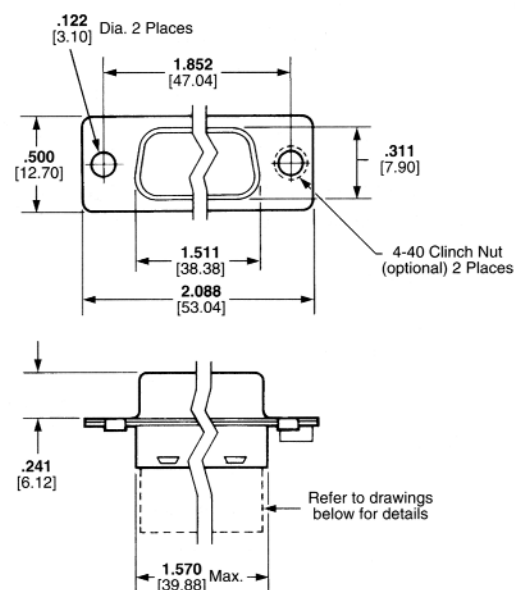
Accessories—pages 30-32

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page 6

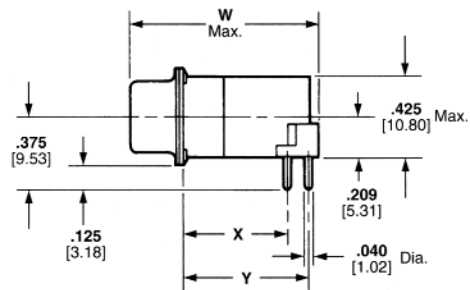
Plug Assemblies (Pin Contacts)



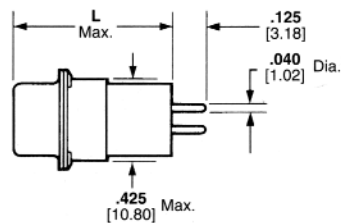
Receptacle Assemblies (Socket Contacts)



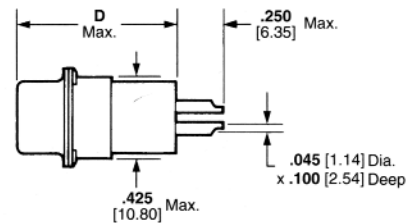
Termination Type



.040 [1.02] Dia.
Right-Angle Post



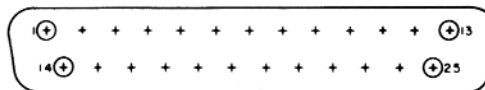
.040 [1.02] Dia.
Straight Post



Solder Cup

Insert Arrangement

Note: Mating face of plug assembly is shown, receptacle assembly is mirror image.



25 Position

Subminiature D Connectors with Distributed Element Filters

25 Position (Continued)

Material and Finish:

Shell—Steel, tin plated

Insert—Thermoplastic, UL rated 94V0

Contact—Phosphor bronze, plated
.000015 [0.00038] min. gold in contact area

Filter Sleeve—Ferrite and Ceramic

Related Product Data:

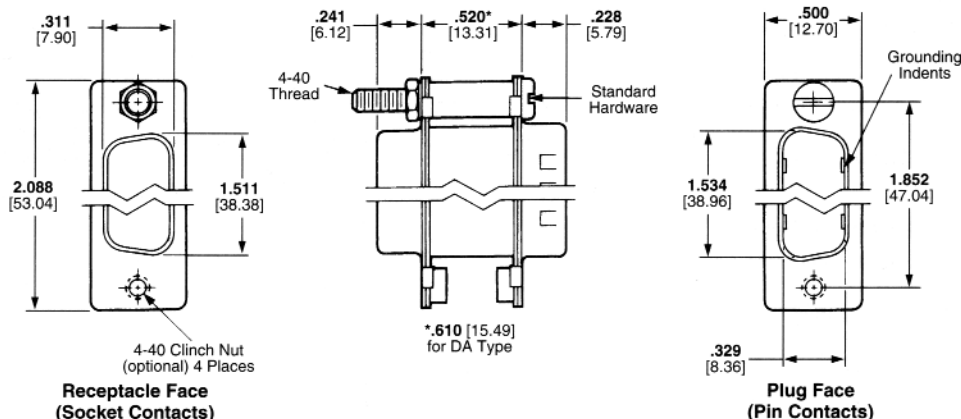
Panel Mounting/Mating—
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PC Board Mounting—
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Electrical Specifications—
page 6

Plug-Receptacle Adapter



Shell Dimensions

Filter Type	Connector	Dimensions				
		W Max.	Right-Angle X	Y	Straight L Max.	Solder D Max.
DC, DG, DE	Plug	1.015 25.78	.545 13.84	.657 16.69	.640 16.26	.680 17.27
	Receptacle	1.020 25.91	.545 13.84	.657 16.69	.645 16.38	.685 17.40
DB, DF, DD	Plug	1.015 25.78	.545 13.84	.657 16.69	.785 19.94	.825 20.96
	Receptacle	1.020 25.91	.545 13.84	.657 16.69	.790 20.07	.830 21.08
DA	Plug	1.132 28.75	.657 16.69	.769 19.53	.950 24.13	.990 25.15
	Receptacle	1.137 28.88	.657 16.69	.769 19.53	.955 24.26	.995 25.27

Part Numbers

Filter Type	Mounting Style	Plug Assemblies with Pin Contacts			Receptacle Assemblies with Socket Contacts			Plug-Receptacle Adapters
		Termination Type			Termination Type			
		Right-Angle Posted .040 [1.02] Dia.	Straight Posted .040 [1.02] Dia.	Solder Cup	Right-Angle Posted .040 [1.02] Dia.	Straight Posted .040 [1.02] Dia.	Solder Cup	
DC	.120 [3.05] Mounting Hole	842902-1	842912-1	842922-1	842907-1	842917-1	842927-1	842932-1 ¹
	4-40 Clinch Nut	842902-8	842912-8	842922-8	842907-8	842917-8	842927-8	842932-8
DB	.120 [3.05] Mounting Hole	842902-2	842912-2	842922-2	842907-2	842917-2	842927-2	842932-2 ¹
	4-40 Clinch Nut	842902-9	842912 -9	842922-9	842907-9	842917-9	842927-9	842932-9
DA	.120 [3.05] Mounting Hole	842902-3	842912-3	842922-3	842907-3	842917-3	842927-3	842932-3 ¹
	4-40 Clinch Nut	1-842902-0	1-842912-0	1-842922-0	1-842907-0	1-842917-0	1-842927-0	1-842932-0
DG	.120 [3.05] Mounting Hole	842902-4	842912-4	842922-4	842907-4	842917-4	842927-4	842932-4 ¹
	4-40 Clinch Nut	1-842902-1	1-842912-1	1-842922-1	1-842907-1	1-842917-1	1-842927-1	1-842932-1
DF	.120 [3.05] Mounting Hole	842902-5	842912-5	842922-5	842907-5	842917-5	842927-5	842932-5 ¹
	4-40 Clinch Nut	1-842902-2	1-842912-2	1-842922-2	1-842907-2	1-842917-2	1-842927-2	1-842932-2
DE	.120 [3.05] Mounting Hole	842902-6	842912-6	842922-6	842907-6	842917-6	842927-6	842932-6 ¹
	4-40 Clinch Nut	1-842902-3	1-842912-3	1-842922-3	1-842907-3	1-842917-3	1-842927-3	1-842932-3
DD	.120 [3.05] Mounting Hole	842902-7	842912-7	842922-7	842907-7	842917-7	842927-7	842932-7 ¹
	4-40 Clinch Nut	1-842902-4	1-842912-4	1-842922-4	1-842907-4	1-842917-4	1-842927-4	1-842932-4

¹This Adapter has Standard Hardware.

Subminiature D Connectors with Distributed Element Filters 37 Position

Material and Finish:

Shell—Steel, tin plated

Insert—Thermoplastic, UL rated 94V0

Contact—Pin-brass, Socket-phosphor bronze, plated .000015 [0.00038] min. gold in contact area, plated tin/lead on termination end

Filter Sleeve—Ferrite and Ceramic

Related Product Data:

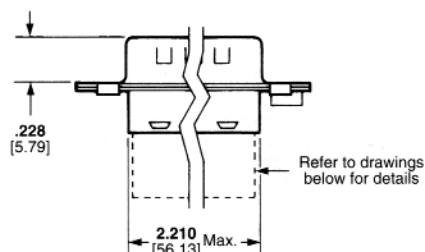
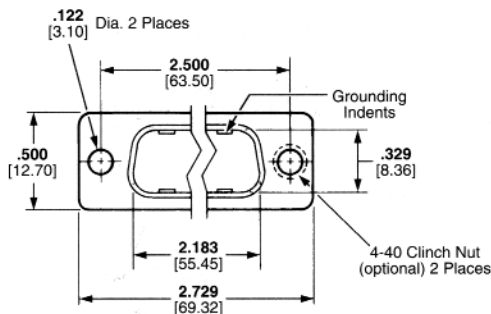
Panel Mounting/Mating—
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PC Board Mounting—
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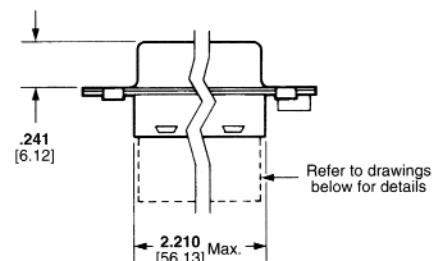
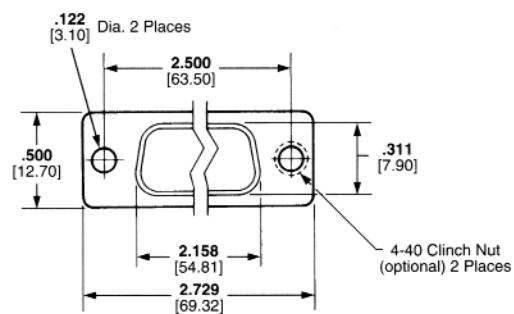
Accessories—pages 30-32

Electrical Specifications—
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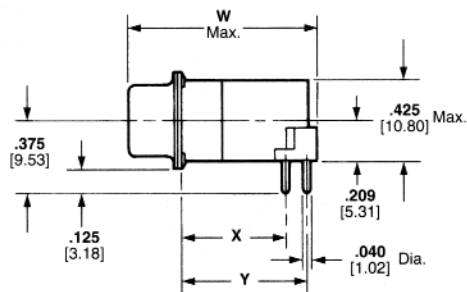
Plug Assemblies (Pin Contacts)



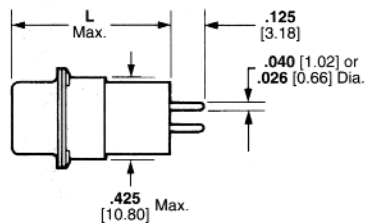
Receptacle Assemblies (Socket Contacts)



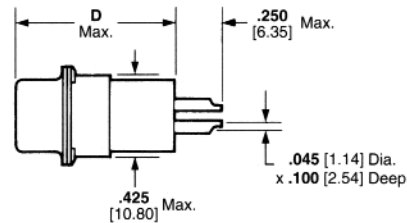
Termination Type



.040 [1.02] Dia.
Right-Angle Post



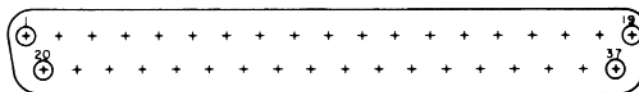
.040 [1.02] Dia.
Straight Post



Solder Cup

Insert Arrangement

Note: Mating face of plug assembly is shown, receptacle assembly is mirror image.



37 Position

Subminiature D Connectors with Distributed Element Filters

37 Position (Continued)

Material and Finish:

Shell—Steel, tin plated

Insert—Thermoplastic, UL rated 94V0

Contact—Phosphor bronze, plated
.000015 [0.00038] min. gold in contact area

Filter Sleeve—Ferrite and Ceramic

Related Product Data:

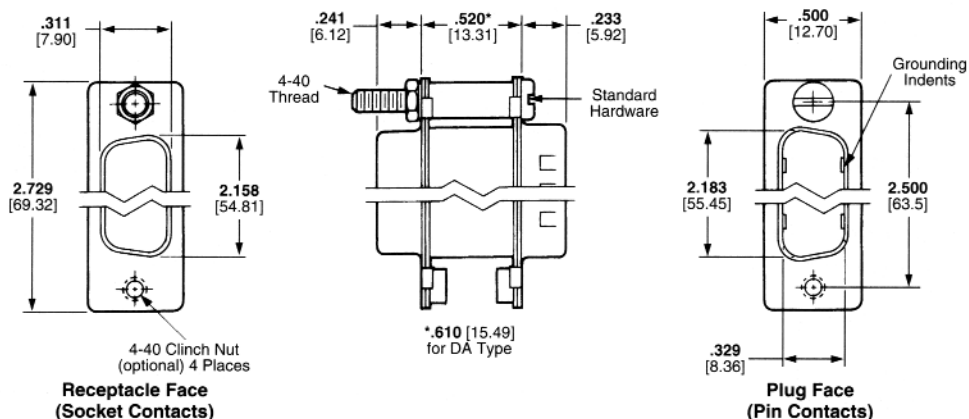
Panel Mounting/Mating—
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PC Board Mounting—
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Accessories—pages 30-32

Electrical Specifications—
page 6

Plug-Receptacle Adapter



Shell Dimensions

Filter Type	Connector	Dimensions				
		W Max.	Right-Angle X	Y	Straight L Max.	Solder D Max.
DC, DG, DE	Plug	1.015 25.78	.545 13.84	.657 16.69	.640 16.26	.680 17.27
	Receptacle	1.020 25.91	.545 13.84	.657 16.69	.645 16.38	.685 17.40
DB, DF, DD	Plug	1.015 25.78	.545 13.84	.657 16.69	.785 19.94	.825 20.96
	Receptacle	1.020 25.91	.545 13.84	.657 16.69	.790 20.07	.830 21.08
DA	Plug	1.132 28.75	.657 16.69	.769 19.53	.950 24.13	.990 25.15
	Receptacle	1.137 28.88	.657 16.69	.769 19.53	.955 24.26	.995 25.27

Part Numbers

Filter Type	Mounting Style	Plug Assemblies with Pin Contacts			Receptacle Assemblies with Socket Contacts			Plug-Receptacle Adapters
		Termination Type			Termination Type			
		Right-Angle Posted .040 [1.02] Dia.	Straight Posted .040 [1.02] Dia.	Solder Cup	Right-Angle Posted .040 [1.02] Dia.	Straight Posted .040 [1.02] Dia.	Solder Cup	
DC	.120 [3.05] Mounting Hole	842903-1	842913-1	842923-1	842908-1	842918-1	842928-1	842933-1'
	4-40 Clinch Nut	842903-8	842913-8	842923-8	842908-8	842918-8	842928-8	842933-8
DB	.120 [3.05] Mounting Hole	842903-2	842913-2	842923-2	842908-2	842918-2	842928-2	842933-2'
	4-40 Clinch Nut	842903-9	842913-9	842923-9	842908-9	842918-9	842928-9	842933-9
DA	.120 [3.05] Mounting Hole	842903-3	842913-3	842923-3	842908-3	842918-3	842928-3	842933-3'
	4-40 Clinch Nut	1-842903-0	1-842913-0	1-842923-0	1-842908-0	1-842918-0	1-842928-0	1-842933-0
DG	.120 [3.05] Mounting Hole	842903-4	842913-4	842923-4	842908-4	842918-4	842928-4	842933-4'
	4-40 Clinch Nut	1-842903-1	1-842913-1	1-842923-1	1-842908-1	1-842918-1	1-842928-1	1-842933-1
DF	.120 [3.05] Mounting Hole	842903-5	842913-5	842923-5	842908-5	842918-5	842928-5	842933-5'
	4-40 Clinch Nut	1-842903-2	1-842913-2	1-842923-2	1-842908-2	1-842918-2	1-842928-2	1-842933-2
DE	.120 [3.05] Mounting Hole	842903-6	842913-6	842923-6	842908-6	842918-6	842928-6	842933-6'
	4-40 Clinch Nut	1-842903-3	1-842913-3	1-842923-3	1-842908-3	1-842918-3	1-842928-3	1-842933-3
DD	.120 [3.05] Mounting Hole	842903-7	842913-7	842923-7	842908-7	842918-7	842928-7	842933-7'
	4-40 Clinch Nut	1-842903-4	1-842913-4	1-842923-4	1-842908-4	1-842918-4	1-842928-4	1-842933-4

¹This Adapter has Standard Hardware.

Subminiature D Connectors with Distributed Element Filters 50 Position

Material and Finish:

Shell—Steel, tin plated

Insert—Thermoplastic, UL rated 94V0

Contact—Pin-brass, Socket-phosphor bronze, plated .000015 [0.00038] min. gold in contact area, plated tin/lead on termination end

Filter Sleeve—Ferrite and Ceramic

Related Product Data:

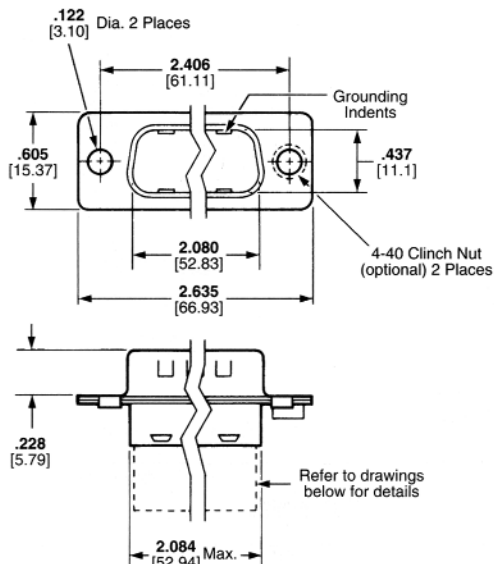
Panel Mounting/Mating—
page 28

PC Board Mounting—
page 29

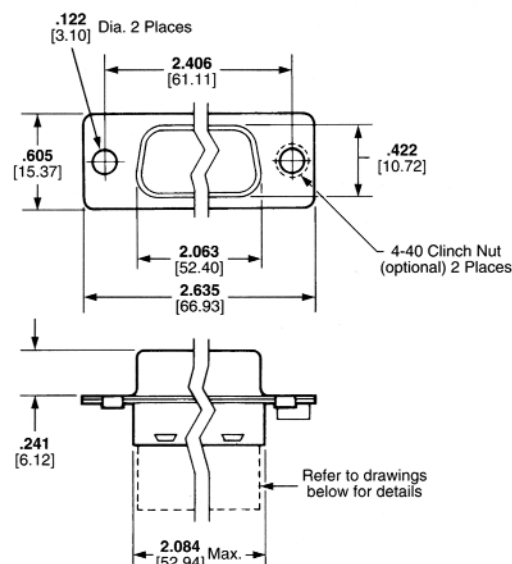
Accessories—pages 30-32

Electrical Specifications—
page 6

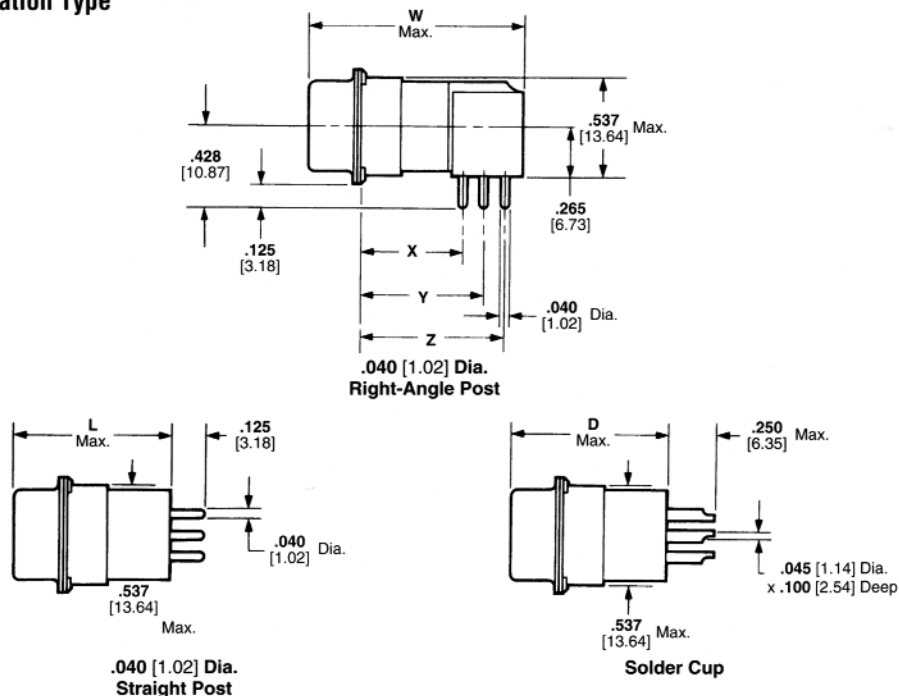
Plug Assemblies (Pin Contacts)



Receptacle Assemblies (Socket Contacts)

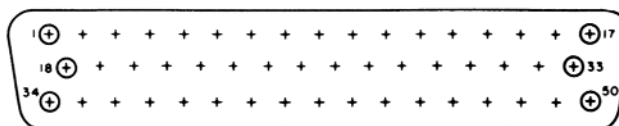


Termination Type



Insert Arrangement

Note: Mating face of plug assembly is shown, receptacle assembly is mirror image.



50 Position

Subminiature D Connectors with Distributed Element Filters

50 Position (Continued)

Material and Finish:

Shell—Steel, tin plated

Insert—Thermoplastic, UL rated 94V0

Contact—Phosphor bronze, plated
.000015 [0.00038] min. gold in contact area

Filter Sleeve—Ferrite and Ceramic

Related Product Data:

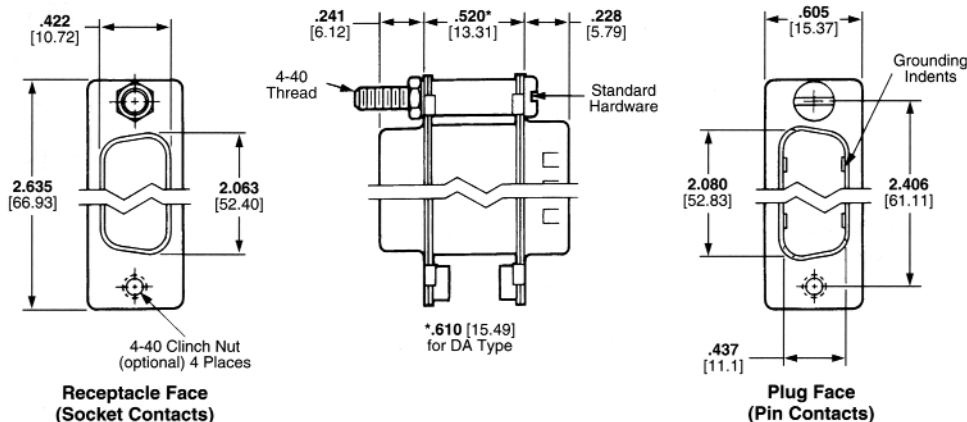
Panel Mounting/Mating—
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PC Board Mounting—
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Accessories—pages 30-32

Electrical Specifications—
page 6

Plug-Receptacle Adapter



Shell Dimensions

Filter Type	Connector	Dimensions					
		W Max.	X	Y	Z	Straight L Max.	Solder D Max.
DC, DG, DE	Plug	1.135 28.82	.545 13.84	.657 16.69	.769 19.53	.640 16.26	.680 17.27
	Receptacle	1.140 28.96	.545 13.84	.657 16.69	.769 19.53	.645 16.38	.685 17.40
DB, DF, DD	Plug	1.135 28.82	.545 13.84	.657 16.69	.769 19.53	.785 19.94	.825 20.96
	Receptacle	1.140 28.96	.545 13.84	.657 16.69	.769 19.53	.790 20.07	.830 21.08
DA	Plug	1.252 31.80	.657 16.69	.769 19.53	.881 22.38	.950 24.13	.990 25.15
	Receptacle	1.257 31.93	.657 16.69	.769 19.53	.881 22.38	.955 24.26	.995 25.27

Part Numbers

Filter Type	Mounting Style	Plug Assemblies with Pin Contacts			Receptacle Assemblies with Socket Contacts			Plug-Receptacle Adapters
		Termination Type			Termination Type			
		Right-Angle Posted .040 [1.02] Dia.	Straight Posted .040 [1.02] Dia.	Solder Cup	Right-Angle Posted .040 [1.02] Dia.	Straight Posted .040 [1.02] Dia.	Solder Cup	
DC	.120 [3.05] Mounting Hole	842904-1	842914-1	842924-1	842909-1	842919-1	842929-1	842934-1'
	4-40 Clinch Nut	842904-8	842914-8	842924-8	842909-8	842919-8	842929-8	842934-8
DB	.120 [3.05] Mounting Hole	842904-2	842914-2	842924-2	842909-2	842919-2	842929-2	842934-2'
	4-40 Clinch Nut	842904-9	842914-9	842924-9	842909-9	842919-9	842929-9	842934-9
DA	.120 [3.05] Mounting Hole	842904-3	842914-3	842924-3	842909-3	842919-3	842929-3	842934-3'
	4-40 Clinch Nut	1-842904-0	1-842914-0	1-842924-0	1-842909-0	1-842919-0	1-842929-0	1-842934-0
DG	.120 [3.05] Mounting Hole	842904-4	842914-4	842924-4	842909-4	842919-4	842929-4	842934-4'
	4-40 Clinch Nut	1-842904-1	1-842914-1	1-842924-1	1-842909-1	1-842919-1	1-842929-1	1-842934-1
DF	.120 [3.05] Mounting Hole	842904-5	842914-5	842924-5	842909-5	842919-5	842929-5	842934-5'
	4-40 Clinch Nut	1-842904-2	1-842914-2	1-842924-2	1-842909-2	1-842919-2	1-842929-2	1-842934-2
DE	.120 [3.05] Mounting Hole	842904-6	842914-6	842924-6	842909-6	842919-6	842929-6	842934-6'
	4-40 Clinch Nut	1-842904-3	1-842914-3	1-842924-3	1-842909-3	1-842919-3	1-842929-3	1-842934-3
DD	.120 [3.05] Mounting Hole	842904-7	842914-7	842924-7	842909-7	842919-7	842929-7	842934-7'
	4-40 Clinch Nut	1-842904-4	1-842914-4	1-842924-4	1-842909-4	1-842919-4	1-842929-4	1-842934-4

¹This Adapter has Standard Hardware.