D-SUB COMBO CONECTORS



The system S SUB COMBO connectors, includes coaxial and high power contact in different shell size and combination. It is a standard family in the market.

These connectors are available in solder, crimp and board mount types. Its contacts come in a choice of gold plating styles, the coaxial contact available in 50 ohms or 75 ohms to meet your application requirement. The current rating of high power contact can up to 40 Amps. Power contacts are available in 20 and 40 AMP.

They were designed with various of optional hard ware accessories and provide function of industry need. PCB type are available in vertical and right angle board mount connectors with optional board locks to hold the connector in place and provide added stability to ensure the lead is properly positioned on the board before soldering.

The main applications of these connectors are as follows:

- Control device
- Test Equipment
- Medical, Instrumentation and Any other power supply applications

For special requirement, please consult our sales agent or factory for information.

MATERIALS

Connector Assemblies

- Shell: Steel, Tin Plated as Standard
- Insulator: Glass filled polyester UL 94V-0 Colour Black or Green
- Signal Contact when applicable: Copper allov

Plating options

- Standoff: Copper alloy, Tin-lead over Copper
- Bracket: Steel, Nickel plated
- Rivnut: Copper alloy, Nickel plated
- Locking Clipper: Copper alloy, Tin-lead over Copper

ELECTRICAL FEATURES

- Signal contact current rating: 3 Amps
- Signal contact resistance: < 10 mΩ
- Dielectric withstanding Voltage: 1000VAC for one minute at sea level
- Insulation Resistance : > 5000 MO

Mecanical features:

Durability:100 Cycles

Coaxial Contact Assembly

- Insulator: Teflon UL 94V-0, Color White
- Center and outside contact: Copper alloy

Plating options

• Lock link : Copper alloy, Gold flash over Nickel

High Power Contact Assembly

Contact : Copper alloy

Plating options

- Lock link: Copper alloy, Gold flash over Nickel
- Operating Temperature: -55 +125°C
 - Coaxial Contact impedance : 75 or 50Ω
- High power contact current rating: 40 or 20 A
- High power contact Resistance : $< 2.7 \text{ m}\Omega$
- Connector mating and unmating force:
 17.0 kgf max.

X-XX FULL LINE CATALOGUE

D-SUB COMBO CONECTORS

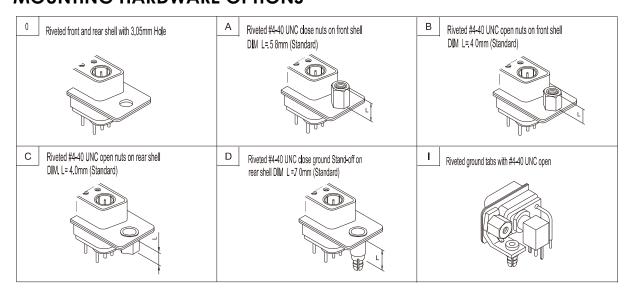


SERIES DISTRIBUTION CONTACTS

- O Accommodated removable Coaxial and high power contacts

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		(A1	$\begin{pmatrix} A_1 & \frac{1}{0} & \frac{2}{0} & A_2 \\ \vdots & \vdots & \ddots & \vdots \\ \frac{3}{3} & \frac{4}{5} & \frac{5}{5} \end{pmatrix}$	1 2 3 A1 4 5 6 7 8 9 10	A1 A2 A3 A	♦ 1 1 1 1 1 1 1 1 1 1
Contact Arrangement	5W1	3W3	7W2	11W1	5W5	9W4
Shell Size	Е	Α	A	A	В	В
No. of Signal Contacts	4	0	5	10	0	5
No. of Coaxial Contacts	1	3	2	1	5	4
		3 2 1 0 0 0 0 8 7 6	A1	1 2 3 4 5 0 0 0 0 0 0 0 0 0 11 12 13 14 15	A1 6 7 8 9 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
Contact Arrangement	13W3		17W2	17W2 21W1		8W8
Shell Size	В		В	В В		С
No. of Signal Contacts	10		15		20	0
No. of Coaxial Contacts	3		2		1	8
	A1 A2 A3 A4 A5 A6 1 2 3 5 5 5 5 5 6 7		3 4 0 0 0 0 7	$ \left(\begin{array}{c ccccccccccccccccccccccccccccccccccc$		A1
Contact Arrangement	13W6			17W5		21W4
Shell Size	С			C		С
No. of Signal Contacts	7			12		17
No. of Coaxial Contacts	6			5		4
	A1			A1 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, A2 14, 15, 16, 17, 16, 19, 20, 21, 22, 23, 24, 25		↑ A2 A3 A4 A5 A6 A7
Contact Arrangement	25W3			27W2		24W7
Shell Size	С			С		D
No. of Signal Contacts	22			25		17
No. of Coaxial Contacts	3			2		7
	A1 A2 A3 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6		A4 0 0 0 32 0 0 0 25 26 27	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$		↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑
Contact Arrangement	36W4			43W2		47W1
Shell Size	D			D		D
No. of Signal Contacts	32			41		46
No. of Coaxial Contacts	4			2		1

MOUNTING HARDWARE OPTIONS



X-XX FULL LINE CATALOGUE