

We stock and supply hi-quality Combo D-Sub connectors. In a single connector both signal and RF contacts are possible. We source these from variety of sources like Cinch, Tyco amongst others.

FEATURES, MIL QPL

- Combo D-Sub connectors from suppliers like Cinch, Tyco
- MIL-39029 compliant contacts
- Common insert patterns in stock
- Plug, Receptacles, PC Mount Versions

ADVANTAGES OF Combo D-Sub Connectors from us:

- Many insert patterns available from stock
- Free samples possible for projects
- Small quantities like 5 pieces welcome
- Available in cash purchase for small quantity



Specifications for Combo D-Sub Connectors

Electrical Data (Signal Contacts)	
Current Rating	7.5 A
Contact Resistance	55mV at 7.5 A
Insulation Resistance	5000 M Ohms min.
Test Voltage (sea Level)	1000 VAC
Electrical Data (Coaxial Contacts)	
Current Rating	5 A
Contact Impedance	50 or 75 Ohms
Coaxial VSWR	< 1.45 : 1 @ 1 GHz
Insertion Loss	< 0.45dB @ 1 GHz
Mechanical	
Mating Life	500 mating cycles min.
Operating Temp.	-55°C ~ +125°C
Materials and Platings	
Pin Contact (Signal)	Copper alloy, Gold over Nickel
Socket Contact (Signal)	Copper alloy, Gold over Nickel
Coaxial Contacts	Copper alloy, Gold over Nickel
Metal Shell	Steel or Brass, Zinc plated
Insulator	Glass filled polyester
Insulator (coaxial)	Teflon
Accessories	Steel or Brass

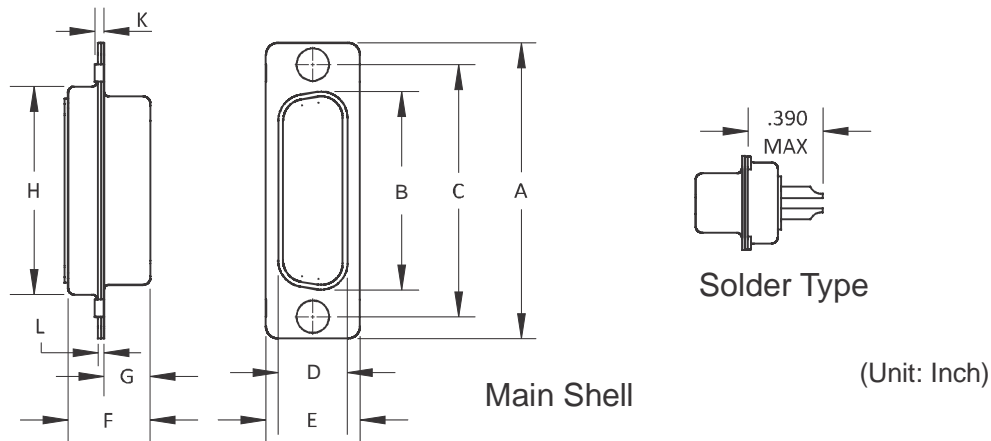
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Combo-D (Signal + RF) D-Sub Connectors

Sources include Cinch, Tyco • MIL-24308 Compliant • In-stock, small qty like 5 pcs welcome

Comb D-Sub Plug & Receptacle Connectors, Solder Cup Types



Shell Size	A ±.015	B ±.005	C ±.005	D ±.005	E ±.015	F ±.010	G ±.004	H ±.010	J ±.010	K ±.010	L ±.010
Size 1 Plug Size 1 Socket	1.213	.666 .643	.984	.329 .311	.494	.422 .429	.234 .243	.759	.422	.045	.030
Size 2 Plug Size 2 Socket	1.541	.994 .971	1.312	.329 .311	.494	.422 .429	.234 .243	1.083	.422	.045	.030
Size 3 Plug Size 3 Socket	2.088	1.534 1.511	1.852	.329 .311	.494	.426 .429	.230 .243	1.625	.422	.060 .045	.039 .030
Size 4 Plug Size 4 Socket	2.729	2.182 2.159	2.500	.329 .311	.494	.426 .429	.230 .243	2.272	.422	.060 .045	.039 .030
Size 5 Plug Size 5 Socket	2.635	2.079 2.064	2.406	.441 .423	.605	.426 .429	.230 .243	2.178	.534	.060 .045	.039 .030

Combo D-Sub (Hybrid RF + Signal) Plugs, Solder Types

Our P/N	Plug/ Receptacle	Termination	RF Contacts	Electrical Contacts	Shell Size	Pattern Code	Orientation
I-3W3M200E0	Plug	Solder Cup	3	-	2	3W3	Straight
I-7W2M200E0	Plug	Solder Cup	2	5	2	7W2	Straight
I-11W1M200E0	Plug	Solder Cup	1	10	2	11W1	Straight
I-13W3M200E0	Plug	Solder Cup	3	10	3	13W3	Straight
I-17W2M200E0	Plug	Solder Cup	2	15	3	17W2	Straight
I-8W8M200E0	Plug	Solder Cup	8	-	4	8W8	Straight
I-17W5M200E0	Plug	Solder Cup	5	12	4	17W5	Straight
I-25W3M200E0	Plug	Solder Cup	3	22	4	25W3	Straight

Note 1) Above connectors are supplied with signal contacts prefitted

Note 2) Above connectors are NOT supplied with RF contacts - these have to be ordered separately

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Comb D-Sub Plug & Receptacle Connectors, Solder Cup Types

Combo D-Sub (Hybrid RF + Signal) **Receptacle, Solder Types**

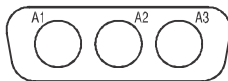
Our P/N	Plug/ Receptacle	Termination	No. of RF Contacts	Electrical Contacts	Shell Size	Pattern Code	Orientation
I-3W3S200T0	Receptacle	Solder Cup	3	-	2	3W3	Straight
I-7W2S200T0	Receptacle	Solder Cup	2	5	2	7W2	Straight
I-11W1S200T0	Receptacle	Solder Cup	1	10	2	11W1	Straight
I-13W3S200T0	Receptacle	Solder Cup	3	10	3	13W3	Straight
I-17W2S200T0	Receptacle	Solder Cup	2	15	3	17W2	Straight
I-8W8S200T0	Receptacle	Solder Cup	8	-	4	8W8	Straight
I-17W5S200T0	Receptacle	Solder Cup	5	12	4	17W5	Straight
I-25W3S200T0	Receptacle	Solder Cup	3	22	4	25W3	Straight

Note 1) Above connectors are supplied with signal contacts prefitted

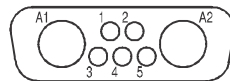
Note 2) Above connectors are NOT supplied with RF contacts - these have to be ordered separately

Combo D-Sub Insert Arrangements

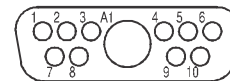
SHELL SIZE 2



3W3

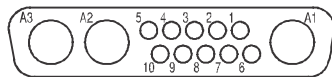


7W2

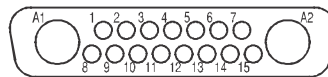


11W1

SHELL SIZE 3

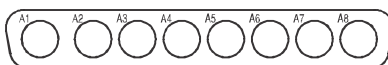


13W3

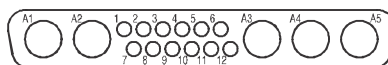


17W2

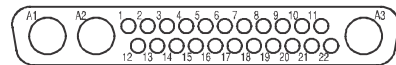
SHELL SIZE 4



8W8



17W5



25W3

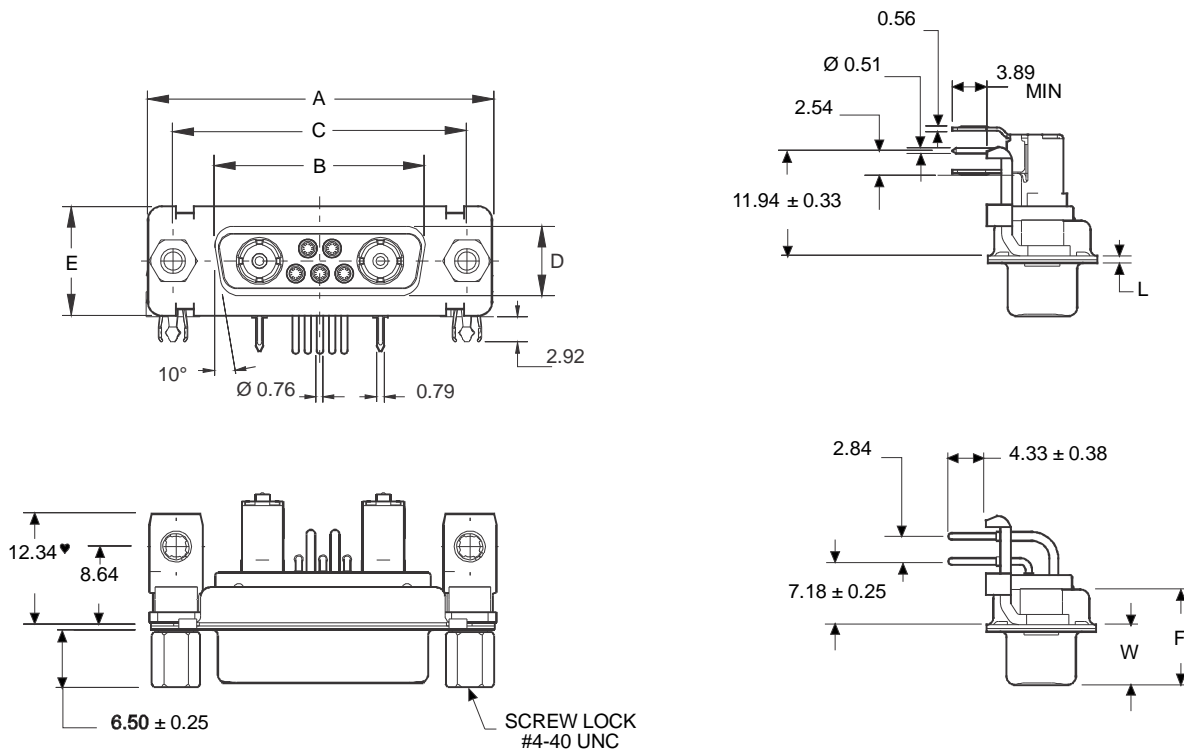
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Combo-D (Signal + RF) D-Sub Connectors

Sources include Cinch, Tyco • MIL-24308 Compliant • In-stock, small qty like 5 pcs welcome

Combo D-Sub *Receptacles*, 90 Degree, PC Mount



Shell Size	A ±0.38	B ±0.13	C ±0.13	D ±0.13	E ±0.38	F ±0.25	W ±0.38	L ±0.25
1	30.81	16.33	24.99	7.90	12.55	10.90	6.94	0.76
2	39.14	24.66	33.32	7.90	12.55	10.90	6.94	0.76
3	53.04	38.38	47.04	7.90	12.55	10.90	6.94	0.76
4	69.32	54.84	63.50	7.90	12.55	10.90	6.94	0.76

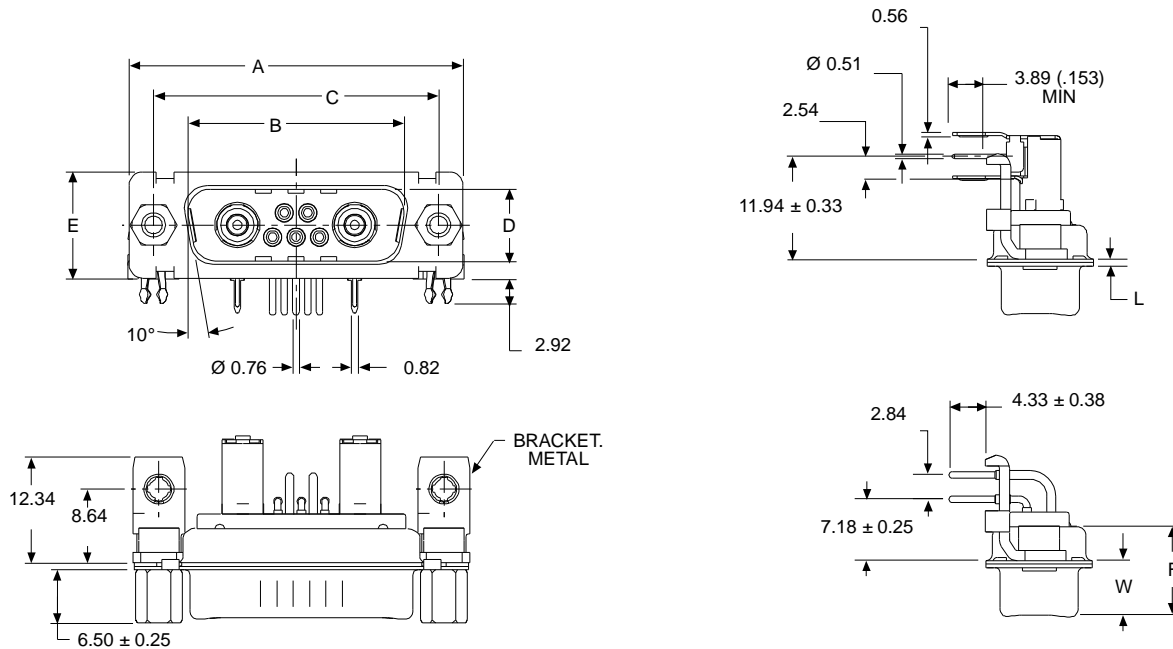
Our P/N	Plug/ Receptacle	Termination	No. of RF Contacts	Electrical Contacts	Shell Size	Pattern Code	Orientation
IA-C3X3S-J	Receptacle	PC Tail	3	-	2	3W3	Right Angle
IA-C7X2S-J	Receptacle	PC Tail	2	5	2	7W2	Right Angle
IA-C11X1S-J	Receptacle	PC Tail	1	10	2	11W1	Right Angle
IB-C13X3S-J	Receptacle	PC Tail	3	10	3	13W3	Right Angle
IB-C17XK2S-J	Receptacle	PC Tail	2	15	3	17W2	Right Angle
IC-C8X8S-J	Receptacle	PC Tail	8	-	4	8W8	Right Angle
IC-C17X5S-J	Receptacle	PC Tail	5	12	4	17W5	Right Angle
IC-C25X3S-J	Receptacle	PC Tail	3	22	4	25W3	Right Angle

Note 1) Above connectors are supplied with signal & coaxial contacts prefitted
 Note 2) Above connectors are supplied with 50 Ohms RF contacts
 Note 3) For 75 Ohms contacts please substitute C instead of X in Part Number

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Combo D-Sub Plugs, 90 Degree, PC Mount



Shell Size	A ±0.38	B ±0.13	C ±0.13	D ±0.13	E ±0.38	F ±0.25	W ±0.38	L ±0.25
1	30.81	16.92	24.99	8.36	12.55	10.72	6.69	0.76
2	39.14	25.25	33.32	8.36	12.55	10.72	6.69	0.76
3	53.04	38.96	47.04	8.36	12.55	10.82	6.84	0.99
4	69.32	55.42	63.50	8.36	12.55	10.82	6.84	0.99

Our P/N	Plug/ Receptacle	Termination	No. of RF Contacts	Electrical Contacts	Shell Size	Pattern Code	Orientation
IA-G3X3P-J	Plug	PC Tail	3	-	2	3W3	Right Angle
IA-G7X2P-J	Plug	PC Tail	2	5	2	7W2	Right Angle
IA-G11X1P-J	Plug	PC Tail	1	10	2	11W1	Right Angle
IB-G13X3P-J	Plug	PC Tail	3	10	3	13W3	Right Angle
IB-G17X2P-J	Plug	PC Tail	2	15	3	17W2	Right Angle
IC-G8X8P-J	Plug	PC Tail	8	-	4	8W8	Right Angle
IC-G17X5P-J	Plug	PC Tail	5	12	4	17W5	Right Angle
IC-G25X3P-J	Plug	PC Tail	3	22	4	25W3	Right Angle

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Note 2) Above connectors are supplied with 50 Ohms RF contacts

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