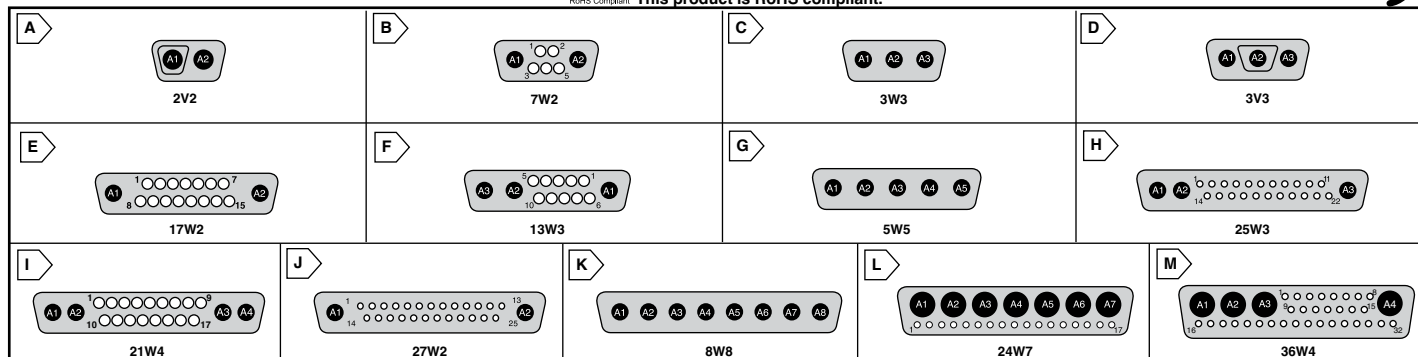


# FCI Mixed Power D-Sub Connectors



RoHS Compliant This product is RoHS compliant.



## MIXED POWER CABLE CONNECTORS

(Power Contacts not Included)

- Specifications:**
- Shell: Steel
  - Insulator: Thermoplastic
  - Contacts: Copper Alloy

- Standard Plating:**
- Shell: Tin
  - Contact: Active Area: Gold over Nickel  
Termination Area: Tin over Nickel
- Current Rating:**
- Power contacts: K-40A per contact
  - Signal contacts: 7.5A/contact at 30°C

**Features:**

- Signal solder bucket contacts are preassembled in the connector
- Power contacts are sold and assembled separately in solder bucket or crimp versions

\* RoHS Compliant per FCI documentation

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	FCI Part No.	Fig.	Shell Size	Type	Arrangement	Price Each		
						1	25	100
649-DE2V2PA00LF	DE2V2PA00LF	A	E (9 way shell)	Pin	2V2	1.93	1.77	1.61
649-DE2V2SA00LF	DE2V2SA00LF	A	E (9 way shell)	Socket	2V2	1.91	1.59	1.42
649-DA7W2PA00LF	DA7W2PA00LF	B	A (15 way shell)	Pin	7W2	4.35	4.00	3.65
649-DA7W2SA00LF	DA7W2SA00LF	B	A (15 way shell)	Socket	7W2	5.30	4.87	4.44
649-DA3W3PA00LF	DA3W3PA00LF	C	A (15 way shell)	Pin	3W3	1.41	1.21	1.04
649-DA3W3SA00LF	DA3W3SA00LF	C	A (15 way shell)	Socket	3W3	1.28	1.18	1.08
649-DA3V3PA00LF	DA3V3PA00LF	D	A (15 way shell)	Pin	3V3	1.37	1.24	1.02
649-DA3V3SA00LF	DA3V3SA00LF	D	A (15 way shell)	Socket	3V3	1.51	1.38	1.26
649-DB17W2PA00LF	DB17W2PA00LF	E	B (25 way shell)	Pin	17W2	6.65	6.11	5.58
649-DB17W2SA00LF	DB17W2SA00LF	E	B (25 way shell)	Socket	17W2	11.28	10.36	9.46
649-DB13W3PA00LF	DB13W3PA00LF	F	B (25 way shell)	Pin	13W3	5.10	4.40	3.94
649-DB13W3SA00LF	DB13W3SA00LF	F	B (25 way shell)	Socket	13W3	5.33	4.78	4.20
649-DB5W5PA00LF	DB5W5PA00LF	G	B (25 way shell)	Pin	5W5	1.87	1.72	1.57
649-DB5W5SA00LF	DB5W5SA00LF	G	B (25 way shell)	Socket	5W5	1.87	1.72	1.57
649-DC25W3PA00LF	DC25W3PA00LF	H	C (37 way shell)	Pin	25W3	10.13	8.51	7.83
649-DC21WA4PA00LF	DC21WA4PA00LF	I	C (37 way shell)	Pin	21WA4	10.95	10.06	9.18
649-DC27W2PA00LF	DC27W2PA00LF	J	C (37 way shell)	Pin	27W2	9.40	8.64	7.88
649-DC27W2SA00LF	DC27W2SA00LF	J	C (37 way shell)	Socket	27W2	9.69	8.63	8.09
649-DC8W8PA00LF	DC8W8PA00LF	K	C (37 way shell)	Pin	8W8	2.07	1.90	1.73
649-DC8W8SA00LF	DC8W8SA00LF	K	C (37 way shell)	Socket	8W8	2.07	1.90	1.73
649-DD24W7PA00LF	DD24W7PA00LF	L	D (50 way shell)	Pin	24W7	7.50	6.48	5.79
649-DD24W7SA00LF	DD24W7SA00LF	L	D (50 way shell)	Socket	24W7	6.86	5.90	5.71
649-DD36W4PA00LF	DD36W4PA00LF	M	D (50 way shell)	Pin	36W4	62.37	50.01	17.86
649-DD36W4SA00LF	DD36W4SA00LF	M	D (50 way shell)	Socket	36W4	13.85	12.73	11.62

## POWER CONTACTS

**Material Specifications:**

- Clip Material: Plastic withstanding 125°C
- Termination Plating: Matte Tin
- RoHS Compliant per FCI documentation

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	FCI Part No.	Gender	Wire Gauge	Max. Current	Price Each		
					1	25	100
<b>Solder Bucket</b>							
649-8638PPS1005LF	8638PPS1005LF	Pin	16AWG	10A	3.17	2.91	2.66
649-8638PSS1005LF	8638PSS1005LF	Socket	16AWG	10A	3.73	3.30	2.65
649-8638PPS2005LF	8638PPS2005LF	Pin	12AWG	20A	2.08	1.72	1.52
649-8638PSS2005LF	8638PSS2005LF	Socket	12AWG	20A	3.36	3.09	2.83
649-8638PPS4005LF	8638PPS4005LF	Pin	8AWG	40A	2.75	2.32	2.07
649-8638PSS4005LF	8638PSS4005LF	Socket	8AWG	40A	2.77	2.48	2.19
<b>Crimp</b>							
649-8638PSC1005LF	8638PSC1005LF	Socket	16-18AWG	10A	2.09	1.91	1.75
649-8638PPC2005LF	8638PPC2005LF	Pin	12-14AWG	20A	3.17	2.91	2.66
649-8638PSC2005LF	8638PSC2005LF	Socket	12-14AWG	20A	2.19	1.87	1.61
649-8638PPC4005LF	8638PPC4005LF	Pin	8-10AWG	40A	2.61	2.24	2.00
649-8638PSC4005LF	8638PSC4005LF	Socket	8-10AWG	40A	2.87	2.48	2.22