

SOURIAU JBX Miniature Push-Pull Connectors

RoHS Compliant This product is RoHS compliant.



JBX MINIATURE PUSH-PULL CONNECTORS

Designed to provide quick, reliable, high density interconnections of wire and cable.

Features:

- Mechanically keyed to ensure correct polarization and alignment
- High contact density in a small space
- Contact termination in crimp or solder contacts
- Removable contacts
- Fully compatible and interchangeable with Lemo's B series

Specifications:

- Shell Material: Brass
- Socket Contact Material: Cupro-nickel
- Socket Contact Material: Gold
- Pin Contact Material: Brass
- Pin Plating Material: Gold
- Insulator Material: Fortron
- Shielded from 55dB up to 100MHz
- Endurance: >1000 cycles per MIL-STD1344AD
- Temperature Range: -50°C; +125°C
- Protection Index: IP40

Straight Cable Plug

Shell Size	Dimensions: mm (in.)		
	A	B	øC
0	39 (1.536)	29 (1.142)	10 (.394)
1	45 (1.773)	34 (1.339)	12 (.472)
2	52 (2.048)	40 (1.576)	15 (.591)

Fixed Panel Receptacle

Shell Size	Dimensions: mm (in.)			
	A	B	øC	øD
0	19 (.748)	8 (.315)	1.2 (.047)	10 (.394)
1	21 (.827)	10 (.394)	1.5 (.059)	14 (.551)
2	24 (.945)	10 (.394)	1.8 (.070)	18 (.709)

Souriau Circular Connectors

Cable Plug Solder Contacts

Panel Receptacles Solder Contacts

For quantities greater than listed, call for quote.

Shell Size	No. of Contacts	ø Contact	Wire Size	Current Rating	MOUSER STOCK NO.	Souriau Part No.	Price Each			MOUSER STOCK NO.	Souriau Part No.	Price Each		
							1	10	25			1	10	25
0	2	0.9	24	10.0A	649-JBXFD0G02MSSDSR	JBXFD0G02MSSDSR	19.57	18.60	17.73	649-JBXER0G02FSSDSR	JBXER0G02FSSDSR	16.83	16.00	15.25
0	3	0.9	24	8.0A	649-JBXFD0G03MSSDSR	JBXFD0G03MSSDSR	21.72	20.65	19.69	649-JBXER0G03FSSDSR	JBXER0G03FSSDSR	19.33	18.39	17.53
0	4	0.7	26	7.0A	649-JBXFD0G04MSSDSR	JBXFD0G04MSSDSR	23.40	22.26	21.21	649-JBXER0G04FSSDSR	JBXER0G04FSSDSR	21.33	20.27	19.33
0	5	0.7	26	6.5A	649-JBXFD0G05MSSDSR	JBXFD0G05MSSDSR	25.08	23.84	22.73	649-JBXER0G05FSSDSR	JBXER0G05FSSDSR	24.35	23.15	22.08
1	3	1.3	20	12.0A	649-JBXFD1G03MSSDSR	JBXFD1G03MSSDSR	32.66	31.05	29.59	649-JBXER1G03FSSDSR	JBXER1G03FSSDSR	28.30	26.92	25.65
1	4	0.9	24	10.0A	649-JBXFD1G04MSSDSR	JBXFD1G04MSSDSR	35.23	33.49	31.93	649-JBXER1G04FSSDSR	JBXER1G04FSSDSR	30.14	28.66	27.31
1	5	0.9	24	9.0A	649-JBXFD1G05MSSDSR	JBXFD1G05MSSDSR	36.99	35.16	33.53	649-JBXER1G05FSSDSR	JBXER1G05FSSDSR	33.44	31.80	30.31
1	6	0.7	26	7.0A	649-JBXFD1G06MSSDSR	JBXFD1G06MSSDSR	38.73	36.83	35.09	649-JBXER1G06FSSDSR	JBXER1G06FSSDSR	36.04	34.27	32.66
1	7	0.7	26	7.0A	649-JBXFD1G07MSSDSR	JBXFD1G07MSSDSR	39.49	37.55	35.79	649-JBXER1G07FSSDSR	JBXER1G07FSSDSR	38.60	36.70	34.98
1	8	0.7	26	7.0A	649-JBXFD1G08MSSDSR	JBXFD1G08MSSDSR	42.22	40.14	38.26	649-JBXER1G08FSSDSR	JBXER1G08FSSDSR	41.19	39.15	37.32
2	5	1.3	20	14.0A	649-JBXFD2G05MSSDSR	JBXFD2G05MSSDSR	42.36	40.27	38.39	649-JBXER2G05FSSDSR	JBXER2G05FSSDSR	39.53	37.59	35.82
2	7	1.3	20	11.0A	649-JBXFD2G07MSSDSR	JBXFD2G07MSSDSR	45.96	43.70	41.65	-----	-----	-	-	-
2	10	0.9	24	8.0A	649-JBXFD2G10MSSDSR	JBXFD2G10MSSDSR	51.33	48.82	46.53	649-JBXER2G10FSSDSR	JBXER2G10FSSDSR	52.65	50.06	47.71
2	12	0.7	26	7.0A	649-JBXFD2G12MSSDSR	JBXFD2G12MSSDSR	54.96	52.25	49.80	649-JBXER2G12FSSDSR	JBXER2G12FSSDSR	57.92	55.07	52.49
2	16	0.7	26	6.0A	649-JBXFD2G16MSSDSR	JBXFD2G16MSSDSR	62.13	59.07	56.31	649-JBXER2G16FSSDSR	JBXER2G16FSSDSR	66.73	63.44	60.47

Cable Plug Crimp Contacts

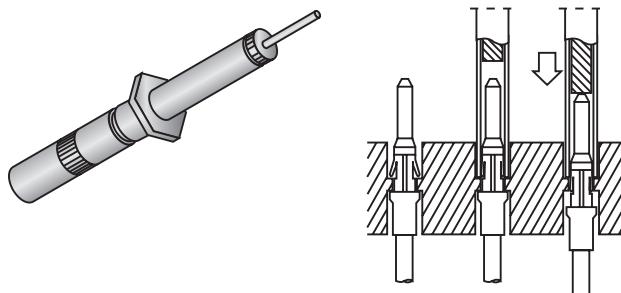
Panel Receptacles Crimp Contacts

For quantities greater than listed, call for quote.

Shell Size	No. of Contacts	ø Contact	Wire Size	Current Rating	MOUSER STOCK NO.	Souriau Part No.	Price Each			MOUSER STOCK NO.	Souriau Part No.	Price Each		
							1	10	25			1	10	25
0	2	0.9	20	10.0A	649-JBXFD0G02MCSDSR	JBXFD0G02MCSDSR	20.46	19.46	18.53	649-JBXER0G02FCSDSR	JBXER0G02FCSDSR	16.84	16.02	15.26
0	3	0.9	20	8.0A	649-JBXFD0G03MCSDSR	JBXFD0G03MCSDSR	22.36	21.25	20.25	649-JBXER0G03FCSDSR	JBXER0G03FCSDSR	19.95	18.96	18.07
0	4	0.7	22	7.0A	649-JBXFD0G04MCSDSR	JBXFD0G04MCSDSR	23.65	22.49	21.43	649-JBXER0G04FCSDSR	JBXER0G04FCSDSR	22.69	21.57	20.55
0	5	0.7	22	6.5A	649-JBXFD0G05MCSDSR	JBXFD0G05MCSDSR	26.13	24.84	23.68	649-JBXER0G05FCSDSR	JBXER0G05FCSDSR	24.77	23.55	22.45
1	3	1.3	18	12.0A	649-JBXFD1G03MCSDSR	JBXFD1G03MCSDSR	33.31	32.29	30.87	649-JBXER1G03FCSDSR	JBXER1G03FCSDSR	28.93	27.50	26.22
1	4	0.9	20	10.0A	649-JBXFD1G04MCSDSR	JBXFD1G04MCSDSR	36.07	34.29	32.69	649-JBXER1G04FCSDSR	JBXER1G04FCSDSR	31.70	30.14	28.73
1	5	0.9	20	9.0A	-----	-----	-	-	-	649-JBXER1G05FCSDSR	JBXER1G05FCSDSR	34.50	32.80	31.26
1	6	0.7	22	7.0A	649-JBXFD1G06MCSDSR	JBXFD1G06MCSDSR	40.00	38.03	36.24	649-JBXER1G06FCSDSR	JBXER1G06FCSDSR	37.29	35.45	33.79
1	7	0.7	22	7.0A	-----	-----	-	-	-	649-JBXER1G07FCSDSR	JBXER1G07FCSDSR	40.07	38.10	36.31
2	10	0.9	20	8.0A	649-JBXFD2G10MCSDSR	JBXFD2G10MCSDSR	53.43	50.80	48.42	649-JBXER2G10FCSDSR	JBXER2G10FCSDSR	54.74	52.05	49.61
2	12	0.7	22	7.0A	649-JBXFD2G12MCSDSR	JBXFD2G12MCSDSR	57.46	54.63	52.07	649-JBXER2G12FCSDSR	JBXER2G12FCSDSR	60.42	57.44	54.74

MANUAL EXTRACTION TOOLS

Contacts automatically extracted without pulling on the cable.



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Souriau Part No.	Shell Size	ø Contact	Price Each
649-JBXOUTDC07	JBXOUTDC07	0, 1, 2	0.7	145.23
649-JBXOUTDC09	JBXOUTDC09	0, 1, 2	0.9	145.23
649-JBXOUTDC13	JBXOUTDC13	0, 1, 2	1.3	364.03