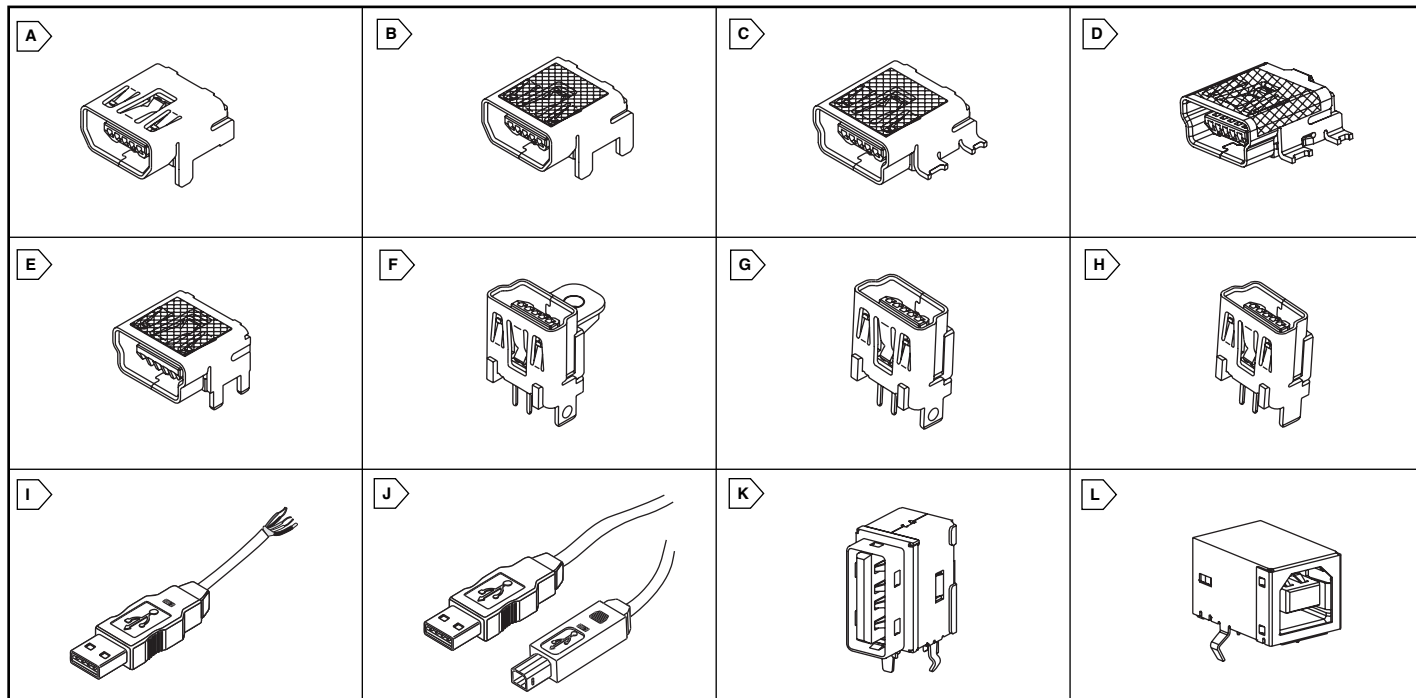


MOLEX USB Connectors and Cable Assemblies

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USB ON-THE-GO (OTG) CONNECTORS AND CABLE ASSEMBLIES

Molex's new USB On-The-Go (OTG) connectors and cable assemblies help enable mobile devices such as digital cameras, PDAs, audio players, printers and cellular phones to exchange data directly without the need for a host PC. All Molex OTG connectors are compatible with the On-The-Go supplement (Rev. 1.0) to the USB 2.0 specification. Along with enabling mobile products to communicate with one another, OTG also enables mobile products to become "dual-role" devices, serving as either host or peripheral.

Features:

- Compact size for space savings
- Fully shielded for EMI/RFI protection
- Operates at speeds up to 480Mbps
- 5000 cycles for rugged durability

Specifications:

- Current: 1.0A
- Voltage Rating: 30V
- Operating Temperature: 0°C to +50°C

Mini-AB Receptacles

For quantities of 100 and up, call for quote.

MOUSER STOCK NO.	Molex Part No.	Fig.	No. of Circuits	Description	Shell Tabs	Solder Tail	Price Each			
							1	10	25	50
538-56579-0519	56579-0519	A	5	Right-Angle	Through-Hole	Through-Hole	2.67	2.14	1.87	1.69
538-56579-0576	56579-0576	C	5	Right-Angle	SMT	SMT	2.19	1.97	1.75	1.59

Mini-B Receptacles

For quantities of 100 and up, call for quote.

MOUSER STOCK NO.	Molex Part No.	Fig.	No. of Circuits	Description	Shell Tabs	Solder Tail	Price Each			
							1	10	25	50
538-54819-0519	54819-0519	A	5	Right-Angle	Through-Hole	Through-Hole	1.71	1.53	1.37	1.24
538-54819-0589	54819-0589	B	5	Right-Angle	Through-Hole	SMT	1.54	1.41	1.32	1.20
538-54819-0572	54819-0572	C	5	Right-Angle	SMT	SMT	1.30	1.17	1.05	.94
538-67503-1020	67503-1020	D	5	Right-Angle (Back Cover)	SMT	SMT	.99	.79	.69	.63
538-51387-0578	51387-0578	E	5	Right-Angle	Through-Hole	SMT	1.35	1.08	.94	.85
538-500075-0507	500075-0507	F	5	Vertical (Screw Flange)	Through-Hole	Through-Hole	5.25	4.20	3.68	3.33
538-500075-0517	500075-0517	G	5	Vertical	Through-Hole	Through-Hole	4.05	3.64	3.28	2.98
538-500075-1517	500075-1517	H	5	Vertical	Through-Hole	Through-Hole	4.45	3.98	3.60	3.31

Cable Assemblies

For quantities of 100 and up, call for quote.

MOUSER STOCK NO.	Molex Part No.	Fig.	No. of Circuits	Description	Price Each			
					1	10	25	50
538-88738-8200	88738-8200	I	4	USB Type A-to-Pigtail, 2.08m Length, Sub-Channel	2.92	2.33	2.04	1.85
538-88728-3400	88728-3400	I	4	USB Type A-to-Pigtail, 2.08m Length, Full-Rated	4.14	3.32	2.90	2.62
538-88732-9200	88732-9200	J	4	USB Type A-to-B, 2.09m Length, Full-Rated	3.12	2.87	2.72	2.50

USB TYPE "A" AND "B" RECEPTACLES

The basic characteristics of all 'A' and 'B' receptacles are: having a metal shell to provide for excellent EMI/RFI protection, PCB hold-downs meet specifications of an electrical rating of 1.0 Amp per contact and are designed to endure at least 1,500 mating cycles.

For quantities of 100 and up, call for quote.

MOUSER STOCK NO.	Molex Part No.	Fig.	No. of Circuits	Description	Price Each			
					1	10	25	50
538-89485-8000	89485-8000	K	4	Type A, Single Upright, Right-Angle, Black, Gold Flash Plating	1.05	.84	.74	.67
538-67068-8000	67068-8000	L	4	Type B, Right-Angle, w/ Kinked Solder Tabs, Black, Gold Flash Plating	.93	.74	.65	.59
538-67068-8001	67068-8001	L	4	Type B, Right-Angle, w/ Kinked Solder Tabs, Black, 30µ" Gold Plating	1.45	1.31	1.17	1.05
538-67068-9000	67068-9000	L	4	Type B, Right-Angle, w/ Kinked Solder Tabs, White, Gold Flash Plating	1.45	1.31	1.17	1.05
538-67068-9001	67068-9001	L	4	Type B, Right-Angle, w/ Kinked Solder Tabs, White, 30µ" Gold Plating	1.77	1.48	1.40	1.32