

KYCON USB Connectors

RoHS Compliant. This product is RoHS compliant.



RIGHT ANGLE USB SOCKET CONNECTORS

KUSB Series - Meets USB 1.1 and 2.0 Specifications

- Insulator: PCB version: PBT Thermoplastic, UL94V-0 rated
- Contact Plating: Gold over Nickel on contacts
- Contact Resistance: 15 Milliohms max.
- Contacts: Phosphor Bronze
- Operating Temperature: -25°C to +80°C
- Shell: Phosphor Bronze

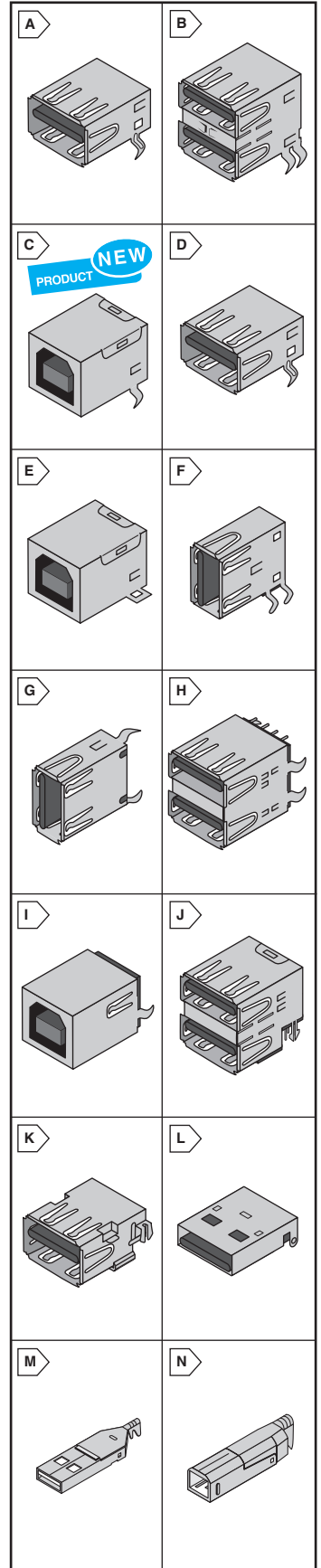


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* w/ Backshield ** High Temperature Thermoplastic UL94V-0 Rated

For quantities of 1000 and up, call for quote.

MOUSER STOCK NO.	Kycon Part No.	Fig.	Type / Plating	Insulator Color	Price Each			
					1	25	100	500
PCB Mount								
806-KUSBX-AS1N-B	KUSBX-AS1N-B	A	A, Gold Flash	Black	.70	.62	.46	.39
806-KUSBX-AS1N-B30	KUSBX-AS1N-B30	A	A, 30µ" Gold	Black	1.05	.92	.68	.58
806-KUSBX-AS-1N-W	KUSBX-AS1N-W	A	A, Gold Flash	White	.75	.59	.43	.35
806-KUSBX-AS1N-W30	KUSBX-AS1N-W30	A	A, 30µ" Gold	White	1.03	.90	.67	.57
806-KUSBX-AS2N-B	KUSBX-AS2N-B	B	A-Dual, Gold Flash	Black	1.14	1.00	.74	.62
806-KUSBX-AS2N-B30	KUSBX-AS2N-B30	B	A-Dual, 30µ" Gold	Black	1.79	1.40	1.00	.85
806-KUSBX-AS2N-W	KUSBX-AS2N-W	B	A-Dual, Gold Flash	White	1.20	1.06	.78	.66
806-KUSBX-AS2N-W30	KUSBX-AS2N-W30	B	A-Dual, 30µ" Gold	White	1.63	1.43	1.05	.89
**806-KUSBX-ASBS2N-BLK	KUSBX-ASBS2N-B	B	A-Dual, Gold Flash	Black	.97	.86	.77	.62
806-KUSBX-BS1N-B	KUSBX-BS1N-B	C	B, Gold Flash	Black	.93	.81	.59	.50
806-KUSBX-BS1N-B30	KUSBX-BS1N-B30	C	B, 30µ" Gold	Black	1.29	1.14	.83	.71
806-KUSBX-BS1N-W	KUSBX-BS1N-W	C	B, Gold Flash	White	.81	.71	.52	.44
806-KUSBX-BS1N-W30	KUSBX-BS1N-W30	C	B, 30µ" Gold	White	1.24	1.14	.83	.71
806-KUSBXHT-BS1NOHRF	KUSBXHT-BS1N-O-HRF	C	B, High Retention	Orange	1.18	.99	.87	.77
Surface Mount								
**806-KUSBXSMTAS1N-B	KUSBX-SMT-AS1N-B	D	A, Gold Flash	Black	1.16	1.01	.75	.63
**806-KUSBXSMTAS1N-W	KUSBX-SMT-AS1N-W	D	A, Gold Flash	White	1.08	.94	.69	.59
**806-KUSBX-SMTAS1NW30	KUSBX-SMT-AS1NW30	D	A, 30µ" Gold	White	.95	.83	.76	.68
**806-KUSBX-SMT-BS1N-B	KUSBX-SMT-BS1N-B	E	B, Gold Flash	Black	1.83	1.44	1.02	.87
**806-KUSBX-SMTBS1NB30	KUSBX-SMT-BS1N-B30	E	B, 30µ" Gold	Black	1.97	1.57	1.35	1.18
**806-KUSBX-SMT-BS1N-W	KUSBX-SMT-BS1N-W	E	B, Gold Flash	White	1.63	1.28	.91	.77
**806-KUSBX-SMTBS1NW30	KUSBX-SMT-BS1N-W30	E	B, 30µ" Gold	White	2.01	1.57	1.11	.95



VERTICAL SLIM PROFILE USB SOCKET CONNECTORS

KUSB SL Series - Meets USB 1.1 and 2.0 Specifications

- Contact Resistance: 30 mΩ max.
- Operating Temperature: -55°C to +80°C
- Contacts: Phosphor Bronze
- RoHS Compliance per Kycon Documentation
- Contact Plating: Gold over Nickel on contacts
- Shell: Copper Alloy
- Insulator: PBT Thermoplastic
- PCB Mount
- Slim Profile



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For quantities of 1000 and up, call for quote.

MOUSER STOCK NO.	Kycon Part No.	Fig.	Type / Plating	Insulator Color	1	25	100	500
806-KUSBX-SL-AS1NB	KUSBX-SL-AS1N-B	F	A, Gold Flash	Black	1.15	1.01	.73	.59
806-KUSBXSLAS1NB30	KUSBX-SL-AS1N-B30	F	A, 30µ" Gold	Black	1.27	.99	.70	.64
806-KUSBX-SL-AS1NW	KUSBX-SL-AS1N-W	F	A, 30µ" Gold	White	1.17	1.01	.74	.67

VERTICAL TOP ENTRY USB SOCKET CONNECTORS

KUSBV Series - Meets USB 1.1 and 2.0 Specifications

- Insulator: PBT Thermoplastic, UL94V-0 rated
- Contact Resistance: 15 mΩ max.
- Contacts: Phosphor Bronze
- RoHS Compliance per Kycon Documentation
- Contact Plating: Gold over Nickel on contacts
- Shell: Phosphor Bronze
- RoHS Compliance per Kycon Documentation
- PCB Mount
- Operating Temperature: -25°C to +80°C



RoHS Compliant

For quantities of 1000 and up, call for quote.

MOUSER STOCK NO.	Kycon Part No.	Fig.	Type / Plating	Insulator Color	1	25	100	500
806-KUSBVX-AS1N-B	KUSBVX-AS1N-B	G	A, Gold Flash	Black	.87	.80	.58	.50
806-KUSBVX-AS1NB30	KUSBVX-AS1N-B30	G	A, 30µ" Gold	Black	1.05	.96	.70	.61
806-KUSBVX-AS1N-W	KUSBVX-AS1N-W	G	A, Gold Flash	White	.94	.80	.58	.50
806-KUSBVX-AS1NW30	KUSBVX-AS1N-W30	G	A, 30µ" Gold	White	1.13	.96	.70	.61
806-KUSBVX-AS2N-W	KUSBVX-AS2N-W	H	A-Dual, Gold Flash	White	2.04	1.80	1.32	1.08
806-KUSBVX-AS-2-NBLK	KUSBVX-AS-2-NBLK	H	A-Dual, Gold Flash	Black	2.11	2.00	1.46	1.16
806-KUSBVX-BS1N-B	KUSBVX-BS1N-B	I	B, Gold Flash	Black	1.12	.98	.72	.59
806-KUSBVX-BS1N-W	KUSBVX-BS1N-W	I	B, Gold Flash	White	1.12	.98	.72	.59

LOW PROFILE RIGHT ANGLE USB SOCKET CONNECTORS

KUSBL Series - Meets USB 1.1 and 2.0 Specifications

- Insulator: HTN Thermoplastic, UL94V-0 rated
- Operating Temperature: -55°C to +80°C
- Low Profile
- RoHS Compliance per Kycon Documentation
- Contact Plating: Gold over Nickel on contacts
- Shield: Copper, Nickel plated
- RoHS Compliance per Kycon Documentation
- Contact Resistance: 30 mΩ max.
- Contacts: Phosphor Bronze



RoHS Compliant

For quantities of 1000 and up, call for quote.

MOUSER STOCK NO.	Kycon Part No.	Fig.	Type / Plating	Insulator Color	1	25	100	500
806-KUSBXLX-AS2N-B	KUSBXLX-AS2N-B	J	A-Dual, Gold Flash	Black	2.48	1.95	1.39	1.13
806-KUSBXLX-AS2N-B30	KUSBXLX-AS2N-B30	J	A-Dual, 30µ" Gold	Black	2.32	2.24	1.64	1.33
806-KUSBXLX-AS2N-W	KUSBXLX-AS2N-W	J	A-Dual, Gold Flash	White	1.49	1.32	1.19	1.07
806-KUSBXLX-AS2N-W30	KUSBXLX-AS2N-W30	J	A-Dual, 30µ" Gold	White	2.92	2.30	1.64	1.33
Surface Mount								
**806-KUSBXLX-SMTAS1NB	KUSBXLX-SMT-AS1N-B	K	A, Gold Flash	Black	1.35	1.23	.92	.75
**806-KUSBXLX-SMTAS1NB30	KUSBXLX-SMT-AS1NB30	K	A, 30µ" Gold	Black	1.08	.95	.85	.77
**806-KUSBXLX-SMTAS1NW	KUSBXLX-SMT-AS1N-W	K	A, Gold Flash	White	.95	.84	.75	.68
**806-KUSBXLX-SMTAS1NW30	KUSBXLX-SMT-AS1NW30	K	A, 30µ" Gold	White	1.08	.95	.85	.77

SURFACE MOUNT TYPE A USB PLUG CONNECTORS

KUSB-SMT2 Series

** High Temperature Thermoplastic UL94V-0 Rated

- Insulator: PA6T Thermoplastic, UL94V-0 rated
- 4 Pin Type A plug
- Contacts: Phosphor Bronze
- Designed for use in Dongles and Adapters
- Operating Temperature: -55°C to +80°C
- RoHS Compliance per Kycon Documentation
- Contact Resistance: 30 mΩ max.
- Shield: Copper, Nickel plated (shielded)



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For quantities of 1000 and up, call for quote.

MOUSER STOCK NO.	Kycon Part No.	Fig.	Plastic Posts (mm)	Plating	Insulator Color	Price Each			
						1	25	100	500
**806-KUSBXSMT2AP1SB	KUSBX-SMT2AP1S-B	L	0.90	Gold Flash	Black	2.14	1.69	1.20	.98
**806-KUSBXSMT2AP1SB3	KUSBX-SMT2AP1S-B30	L	0.90	30µ" Gold	Black	2.33	2.05	1.50	1.22
**806-KUSBX-SMT2AP1S-W	KUSBX-SMT2AP1S-W	L	0.90	Gold Flash	White	2.14	1.69	1.20	.98
**806-KUSBXSMT2AP1SW3	KUSBX-SMT2AP1S-W30	L	0.90	30µ" Gold	White	2.33	2.05	1.50	1.22
**806-KUSBXSMT2AP5SB	KUSBX-SMT2AP5S-B	L	1.35	Gold Flash	Black	2.14	1.88	1.38	1.12
**806-KUSBXSMT2AP5SW	KUSBX-SMT2AP5S-W	L	1.35	Gold Flash	White	1.48	1.30	1.17	1.06
806-KUSBX-SMT-AP	KUSBX-SMT-AP	L	-	Gold Flash	White	2.10	1.94	1.94	1.20

USB PLUG ASSEMBLIES

KUSB Series

- Insulator: PBT Thermoplastic, UL94V-0 rated
- RoHS Compliance per Kycon Documentation
- Insulator Color: White
- Shell: Phosphor Bronze
- Solder Cup Ends



RoHS Compliant

For quantities of 200 and up, call for quote.

MOUSER STOCK NO.	Kycon Part No.	Fig.	Description	Price Each			
				1	25	100	500
806-KUSBX-AP-KITSC	KUSBX-AP-KIT-SC	M	USB A-type Plug Assembly	.94	.85	.67	.47
806-KUSBX-BP-KITSC	KUSBX-BP-KIT-SC	N	USB B-type Plug Assembly	.96	.76	.56	.47



Kycon DataNetwork/Telecom