

# KYCON USB Connectors



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## KYCON 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
- Tin/Lead over Nickel on termination end
- Operating Temperature: -25°C to +80°C
- Shell: Phosphor Bronze
- SMT Version: High Temperature Thermoplastic, UL94V-0 rated

For quantities of 5000 and up, call for quote.

MOUSER STOCK NO.	Kycon Part No.	Fig.	Type	Insulator Color	Plating	Price Each				
						1	25	100	500	1000
<b>PCB Mount</b>										
806-KUSB-AS-1-N-BLK	KUSB-AS-1-N-BLK	A	A	Black	Gold Flash	.60	.47	.34	.28	.26
806-KUSB-AS-1-NBLK30	KUSB-AS-1-N-BLK-30	A	A	Black	30µ" Gold	.91	.72	.51	.43	.39
806-KUSB-AS-1-N-WHT	KUSB-AS-1-N-WHT	A	A	White	Gold Flash	.60	.47	.34	.28	.26
806-KUSB-AS-1-NWHT30	KUSB-AS-1-N-WHT-30	A	A	White	30µ" Gold	.91	.72	.51	.43	.39
806-KUSB-AS-2-N-BLK	KUSB-AS-2-N-BLK	B	A-Dual	Black	Gold Flash	.90	.71	.50	.42	.38
806-KUSB-AS-2-NBLK30	KUSB-AS-2-N-BLK-30	B	A-Dual	Black	30µ" Gold	1.39	1.09	.78	.66	.59
806-KUSB-AS-2-N-WHT	KUSB-AS-2-N-WHT	B	A-Dual	White	Gold Flash	.90	.71	.50	.42	.38
806-KUSB-AS-2-NWHT30	KUSB-AS-2-N-WHT-30	B	A-Dual	White	30µ" Gold	1.39	1.09	.78	.66	.59
* 806-KUSB-ASBS2N-BLK	KUSB-ASBS2N-BLK	B	A-Dual	Black	Gold Flash	.98	.77	.55	.46	.42
806-KUSB-BS-1-N-BLK	KUSB-BS-1-N-BLK	C	B	Black	Gold Flash	.71	.55	.39	.33	.30
806-KUSB-BS-1-NBLK30	KUSB-BS-1-N-BLK-30	C	B	Black	30µ" Gold	1.15	.91	.64	.51	.46
806-KUSB-BS-1-N-WHT	KUSB-BS-1-N-WHT	C	B	White	Gold Flash	.71	.55	.39	.33	.30
806-KUSB-BS-1-NWHT30	KUSB-BS-1-N-WHT-30	C	B	White	30µ" Gold	1.15	.91	.64	.54	.49
<b>Surface Mount</b>										
806-KUSB-SMT-AS1N-B	KUSB-SMT-AS1N-B	D	A	Black	Gold Flash	1.03	.81	.58	.49	.44
806-KUSB-SMT-AS1N-W	KUSB-SMT-AS1N-W	D	A	White	Gold Flash	1.03	.81	.58	.49	.44
806-KUSB-SMT-AS1NW30	KUSB-SMT-AS1N-W30	D	A	White	30µ" Gold	1.36	1.07	.76	.64	.58
806-KUSB-SMT-BS1N-B	KUSB-SMT-BS1N-B	E	B	Black	Gold Flash	1.63	1.28	.91	.77	.69
806-KUSB-SMT-BS1NB30	KUSB-SMT-BS1N-B30	E	B	Black	30µ" Gold	1.79	1.40	.99	.84	.76
806-KUSB-SMT-BS1N-W	KUSB-SMT-BS1N-W	E	B	White	Gold Flash	1.63	1.28	.91	.77	.69
806-KUSB-SMT-BS1NW30	KUSB-SMT-BS1N-W30	E	B	White	30µ" Gold	1.79	1.40	.99	.84	.76

\* w/ Backshield

## KYCON VERTICAL SLIM PROFILE USB SOCKET CONNECTORS

### KUSB SL Series - Meets USB 1.1 and 2.0 Specifications

- Contact Resistance: 30 Milliohms max.
- Contact Plating: Gold over Nickel on contacts
- Insulator: PBT Thermoplastic
- Operating Temperature: -55°C to +80°C
- PCB Mount
- Tin/Lead over Nickel on termination end
- Shell: Copper Alloy
- Contacts: Phosphor Bronze

For quantities of 5000 and up, call for quote.

806-KUSB-SL-AS1N-B	KUSB-SL-AS1N-B	F	A	Black	Gold Flash	1.15	.91	.64	.59	.53
806-KUSB-SL-AS1N-B30	KUSB-SL-AS1N-B30	F	A	Black	30µ" Gold	1.27	.99	.70	.64	.58
806-KUSB-SL-AS1N-W	KUSB-SL-AS1N-W	F	A	White	30µ" Gold	1.15	.91	.64	.59	.53

## KYCON VERTICAL TOP ENTRY USB SOCKET CONNECTORS

### KUSBV Series - Meets USB 1.1 and 2.0 Specifications

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

For quantities of 5000 and up, call for quote.

806-KUSBV-AS-1-N-BLK	KUSBV-AS-1-N-BLK	G	A	Black	Gold Flash	.84	.66	.47	.38	.34
806-KUSBV-AS-1NBLK30	KUSBV-AS-1-N-BLK-30	G	A	Black	30µ" Gold	.97	.77	.55	.43	.38
806-KUSBV-AS-1-N-WHT	KUSBV-AS-1-N-WHT	G	A	White	Gold Flash	.84	.66	.47	.38	.34
806-KUSBV-AS-1NWHT30	KUSBV-AS-1-N-WHT-30	G	A	White	30µ" Gold	.97	.77	.55	.43	.38
806-KUSBV-AS-2-N-WHT	KUSBV-AS-2-N-WHT	H	A-Dual	White	Gold Flash	1.86	1.47	1.04	.85	.76
806-KUSBV-BS-1-N-BLK	KUSBV-BS-1-N-BLK	I	B	Black	Gold Flash	1.12	.88	.63	.51	.46
806-KUSBV-BS-1-N-WHT	KUSBV-BS-1-N-WHT	I	B	White	Gold Flash	1.12	.88	.63	.51	.46

## KYCON LOW PROFILE RIGHT ANGLE USB SOCKET CONNECTORS

### KUSBL Series - Meets USB 1.1 and 2.0 Specifications

- Insulator: HTN Thermoplastic, UL94V-0 rated
- Contact Plating: Gold over Nickel on contacts
- Contact Resistance: 30 Milliohms max.
- Tin/Lead over Nickel on termination end
- Operating Temperature: -55°C to +80°C
- Contacts: Phosphor Bronze
- Shield: Copper, Nickel plated

For quantities of 5000 and up, call for quote.

<b>PCB Mount</b>										
MOUSER STOCK NO.	Kycon Part No.	Fig.	Type	Insulator Color	Plating	Price Each				
						1	25	100	500	1000
806-KUSBL-AS-2-N-B	KUSBL-AS-2-N-B	J	A-Dual	Black	Gold Flash	1.69	1.33	.95	.77	.69
806-KUSBL-AS-2-N-B30	KUSBL-AS-2-N-B-30	J	A-Dual	Black	30µ" Gold	2.05	1.61	1.15	.93	.84
806-KUSBL-AS-2-N-W	KUSBL-AS-2-N-W	J	A-Dual	White	Gold Flash	1.69	1.33	.95	.77	.69
806-KUSBL-AS-2-N-W30	KUSBL-AS-2-N-W-30	J	A-Dual	White	30µ" Gold	2.05	1.61	1.15	.93	.84
<b>Surface Mount</b>										
806-KUSBL-SMTAS1NB	KUSBL-SMTAS1NB	K	A	Black	Gold Flash	1.38	1.09	.77	.63	.57
806-KUSBL-SMTAS1NB30	KUSBL-SMTAS1NB30	K	A	Black	30µ" Gold	1.56	1.23	.88	.71	.64
806-KUSBL-SMTAS1NW	KUSBL-SMTAS1NW	K	A	White	Gold Flash	1.38	1.09	.77	.63	.57
806-KUSBL-SMTAS1NW30	KUSBL-SMTAS1NW30	K	A	White	30µ" Gold	1.56	1.23	.88	.71	.64

## KYCON SURFACE MOUNT TYPE A USB PLUG CONNECTORS

### KUSB-SMT2 Series

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

For quantities of 5000 and up, call for quote.

MOUSER STOCK NO.	Kycon Part No.	Fig.	Plastic Posts (mm)	Insulator Color	Plating	Price Each				
						1	25	100	500	1000
806-KUSB-SMT2-AP1S-B	KUSB-SMT2-AP1S-B	L	0.90	Black	Gold Flash	2.14	1.69	1.20	.98	.88
806-KUSB-SMT2-AP1SB30	KUSB-SMT2-AP1S-B30	L	0.90	Black	30µ" Gold	2.33	1.83	1.30	1.06	.95
806-KUSB-SMT2-AP1S-W	KUSB-SMT2-AP1S-W	L	0.90	White	Gold Flash	2.14	1.69	1.20	.98	.88
806-KUSB-SMT2-AP1SW30	KUSB-SMT2-AP1S-W30	L	0.90	White	30µ" Gold	2.33	1.83	1.30	1.06	.95
806-KUSB-SMT2-AP5S-B	KUSB-SMT2-AP5S-B	L	1.35	Black	Gold Flash	2.14	1.69	1.20	.98	.88
806-KUSB-SMT2-AP5S-W	KUSB-SMT2-AP5S-W	L	1.35	White	Gold Flash	2.33	1.83	1.30	1.06	.95

## KYCON USB PLUG ASSEMBLIES

### KUSB Series

- Insulator: PBT Thermoplastic, UL94V-0 rated
- Insulator Color: White
- Shell: Phosphor Bronze
- Solder Cup Ends

For quantities of 200 and up, call for quote.

MOUSER STOCK NO.	Kycon Part No.	Fig.	Description	Price Each			
				1	10	25	50
806-KUSB-AP-KIT-SC	KUSB-AP-KIT-SC	N	USB A-type Plug Assembly	.94	.85	.67	.47
806-KUSB-BP-KIT-SC	KUSB-BP-KIT-SC	M	USB B-type Plug Assembly	.94	.85	.67	.47

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